Some of the contents in this manual may differ from your device depending on the software of the device or your service provider.

SAMSUNG ELECTRONICS

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GT-S8500

user manual

SAMSUNG

Using this manual

Thank you for purchasing this Samsung mobile device. This device will provide you with high quality mobile communication and entertainment based on Samsung's exceptional technology and high standards.

This user manual has been specially designed to guide you through the functions and features of your device.

- Please read this manual carefully before using your device to ensure safe and correct use.
- The descriptions in this manual are based on the default settings of your device.
- Please keep this manual for future reference.

Instructional icons

Before you start, familiarize yourself with the icons you will see in this manual:

Warning—situations that could cause injury to yourself or others

Caution—situations that could cause damage to your device or other equipment

Note—notes, usage tips, or additional information

► **Refer to**—pages with related information; for example: ► p.12 (represents "see page 12")

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→ **Followed by**—the order of options or menus you must select to perform a step; for example: In Menu mode, select **Messages** → **Compose** (represents **Messages**, followed by **Compose**)

[ ] **Square brackets**—device keys; for example: [ ] (represents the Power/End key)

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Pat. 7,295,673; 7,460,688; 7,519,274

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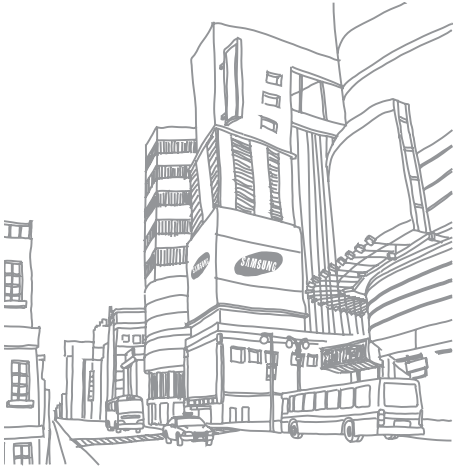

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Assembling

Unpack

Check your product box for the following items:

- Mobile device
- Battery
- Travel adapter (charger)
- User manual

Use only Samsung-approved software. Pirated or illegal software may cause damage or malfunctions that are not covered by your manufacturer's warranty.

- The items supplied with your device may vary depending on the software and accessories available in your region or offered by your service provider.
- You can obtain additional accessories from your local Samsung dealer.
- The supplied accessories perform best for your device.

Install the SIM card and battery

When you subscribe to a cellular service, you will receive a Subscriber Identity Module (SIM) card, with subscription details, such as your personal identification number (PIN) and optional services.

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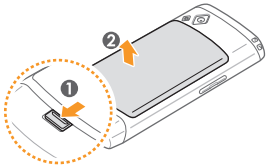
To install the SIM card and battery,

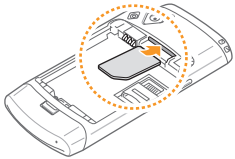
1 If the device is on, press and hold [ ] and select **Yes** to turn it off.

2 Remove the back cover.



Be careful not to damage your fingernails when you remove the back cover.

3 Insert the SIM card.



- Place the SIM card into the device with the gold-coloured contacts facing down.
- If you do not insert a SIM card, you can only make an SOS (emergency) call, use your device's non-network services, and access some menus.

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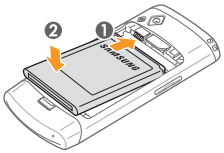
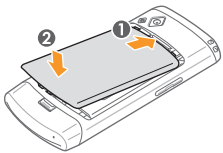
4 Insert the battery.



5 Replace the back cover.



Charge the battery

Before using the device for the first time, you must charge the battery.

You can charge the device with the provided travel adapter or by connecting the device to a PC with a PC data cable.

Use only Samsung-approved chargers and cables. Unauthorized chargers or cables can cause batteries to explode or damage your device.

When your battery is low, the device will emit a warning tone and display a low battery message. The battery icon will also be empty and blinking. If the battery level becomes too low, the device will automatically power off. Recharge your battery to continue using your device.

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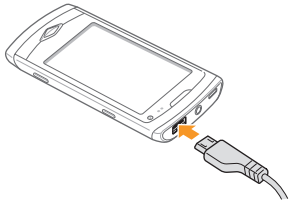
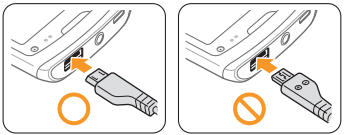
Charge with the travel adapter

1 Slide open the cover to the multifunction jack on the top of the device.

2 Plug the small end of the travel adapter into the multifunction jack.



Improperly connecting the travel adapter can cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.



3 Plug the large end of the travel adapter into a power outlet.

- You can use the device while it is charging, but it may take longer to fully charge the battery.
- While charging, the device may heat up. This is normal and should not affect your device's lifespan or performance.
- If your device is not charging properly, bring your device and the charger to a Samsung Service Centre.

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4 When the battery is fully charged (the battery icon is no longer moving), unplug the travel adapter from the device and then from the power outlet.

Do not remove the battery before removing the travel adapter. Doing this may cause damage to the device.

› Charge with the PC data cable

Before charging, ensure that your PC is turned on.

1 Open the cover to the multifunction jack on the top of the device.

2 Plug one end (micro USB) of the PC data cable into the multifunction jack.

3 Plug the other end of the PC data cable into a USB port on a PC.

Depending on the type of PC data cable you are using, it may take some time before charging begins.

4 When the battery is fully charged (the battery icon is no longer moving), unplug the PC data cable from the device and then from the PC.

Insert a memory card (optional)

To store additional multimedia files, you must insert a memory card. Your device accepts microSD™ or microSDHC™ memory cards with maximum capacities of 32 GB (depending on memory card manufacturer and type).

Samsung uses approved industry standards for memory cards, but some brands may not be fully compatible with your device. Using an incompatible memory card may damage your device or the memory card and can corrupt data stored on the card.

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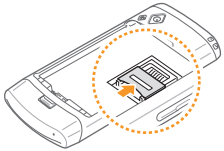
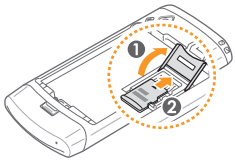
- Your device supports only the FAT file structure for memory cards. If you insert a card formatted with a different file structure, your device will ask you to reformat the memory card.
- Frequent writing and erasing of data will shorten the life span of memory cards.

1 Remove the back cover and the battery.

2 Unlock the memory card cover.

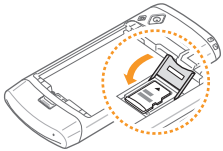


3 Lift the memory card cover and insert a memory card.



Be careful not to damage your fingers when you open the memory card cover.

4 Close the memory card cover.



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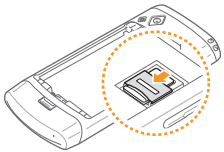
5 Lock the memory card cover.



6 Replace the battery and the back cover.

› Remove the memory card

1 Ensure that the device is not currently using the memory card.

2 Open the memory card cover the same as you would when inserting the memory card.

3 Remove the memory card and close the memory card cover.

Do not remove a memory card while the device is transferring or accessing information, as this could result in loss of data or damage to the memory card or device.

› Format the memory card

Formatting your memory card on a PC may cause incompatibilities with your device. Format the memory card only on the device.

In Menu mode, select **Settings** → **Memory** → **Memory card details** → **Format** → **Yes**.

Before formatting the memory card, remember to make backup copies of all important data stored on your device. The manufacturer's warranty does not cover loss of data resulting user actions.

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Getting started

Turn your device on and off

To turn on your device,

1. Press and hold [ ].
2. Enter your PIN and select **Done** (if necessary).
3. Select the language you want and select **Next**.
4. Select your home zone and select **Next**.
5. Set the time and date and select **Save**.

To turn off your device, press and hold [ ] and select **Yes**.

- Follow all posted warnings and directions from official personnel when in areas where the use of wireless devices is restricted, such as airplanes and hospitals.
- To use your device's non-network services only, switch to the flight mode. In Menu mode, select **Settings** → **Flight mode**.

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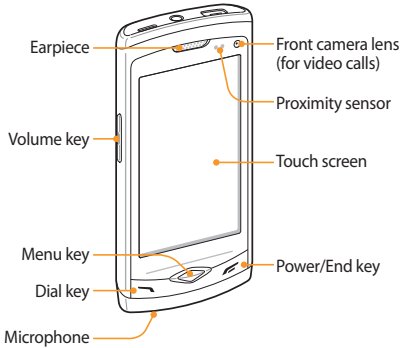
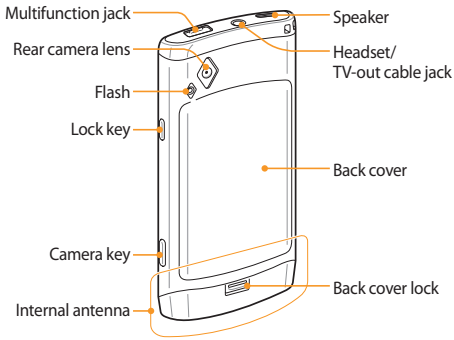
Get to know your device

Device layout





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Keys

Key	Function
Dial	Make or answer a call; In Idle mode, retrieve logs of your calls and messages.
Menu	Access Menu mode; Launch the task manager to view all active applications (press and hold).
Power/ End	Turn the device on or off (press and hold); End a call; In Menu mode, return to Idle mode.
Volume	Adjust the device's volume.
Lock	Lock the touch screen and keys; Unlock the touch screen and keys (press and hold).

Key	Function
Camera	In Idle mode, turn on the camera; In Camera mode, take a photo or record a video.

Idle screen

When the device is in Idle mode, you will see the idle screen. From the idle screen, you can view your device's status and access applications.

The idle screen has 5 panels, and you can add new panels to the idle screen. ► p. 42

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Indicator icons

Icons shown on the display may vary depending on your region or service provider.

Icon	Definition
	Signal strength
	GPRS network connected
	EDGE network connected
	UMTS network connected
	HSDPA network connected
	Wi-Fi activated
	Bluetooth activated
	Bluetooth hands-free car kit or headset connected
	Voice call in progress
	Video call in progress
	SOS message feature activated
	Browsing the web
	Connected to secured web page
	Call diverting activated
	Synchronizing with PC
	Memory card inserted
	New text or multimedia message
	New email message
	New voice mail message
	Alarm activated
	Roaming (outside of normal service area)

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Icon	Definition
	Normal profile activated
	Silent profile activated
10:00	Current time
	Battery power level

Shortcuts panel

In Idle mode, select in the indicator icons area to open the shortcuts panel.

Select icons to activate or deactivate the WLAN and Bluetooth features. You can also select **Silent** turn on or off the device's sound and **Notifications** to check new messages and alerts.

Use the touch screen

Your device's touch screen lets you easily select items or perform functions. Learn basic actions to use the touch screen.

- To avoid scratching the touch screen, do not use sharp tools.
- Do not allow the touch screen to come into contact with other electrical devices. Electrostatic discharges can cause the touch screen to malfunction.
- Do not allow the touch screen to come into contact with water. The touch screen may malfunction in humid conditions or when exposed to water.

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- For optimal use of the touch screen, remove the screen protection film before using your device.
- Your touch screen has a layer that detects small electrical charges emitted by the human body. For best performance, tap the touch screen with your fingertip. The touch screen will not react to touches of sharp tools, such as a stylus or pen.

Control your touch screen with the following actions:

- Tap: Tap once with your finger to select or launch a menu, option, or application.
- Tap and hold: Tap an item and hold it for more than 2 seconds to open a pop-up option list.
- Double-tap: Tap twice quickly with your finger to zoom in or out while viewing photos or web pages.
- Panning: Tap and drag with your finger to select items.
- Drag and drop: Tap and hold your finger on an item, and then drag your finger to move the item.
- Flick: Flick the screen quickly to activate an application.
- Area zoom: Place two fingers on the screen and pull them apart to zoom in or squeeze them together to zoom out.
- Touch and spread: Place one finger on the screen and drag with another finger to zoom in or out.
- Slide and select: Slide the screen and select an item with two fingers.

- Your device turns off the touch screen when you do not use the device for a specified period. To turn on the screen, press any key.
- You can also adjust the backlight time. In Menu mode, select **Settings** → **Display and light** → **Backlight time**.
- Some lists have an index along the right side. Tap a letter to jump to items starting with that letter. Drag your finger along the index to quickly scroll through the list.

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Lock or unlock the touch screen and keys

You can lock the touch screen and keys to prevent any unwanted device operations.

To lock, press the Lock key. To unlock, press and hold the Lock key. Alternatively, press the Lock key and flick the screen with your finger.

You can also set the device to automatically lock the touch screen and keys when you do not use the device for a specified period. In Menu mode, select **Settings** → **General** → **Touch** → **Touch panel auto-lock**.

Access menus

To access your device's menus,

1. In Idle mode, press the Menu key to access Menu mode.
2. Scroll left or right to a main menu screen.
3. Select a menu or application.
4. Press [ ] to return to Idle mode.

- Your device has a built-in motion sensor that detects its orientation. If you rotate the device while using some features, the interface will automatically switch to landscape view. To set the interface to keep the orientation when you rotate the device, select **Settings** → **General** → **Gestures** → **Orientation** → **Change orientation**.
- While using the device, you can capture an image of a screen by pressing the Menu and Lock keys simultaneously. The image will be saved in **My files** → **images**.

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Organize applications in Menu mode

You can reorganize the applications in Menu mode by changing their order or grouping them into categories to suit your preferences and needs.

1. In Idle mode, press the Menu key to access Menu mode.
2. Select **Edit** at the top left of the screen.
3. Drag an application icon to the location you want.
   You can move an application icon to another main menu screen. You can also move most-used applications to the bottom line to use them in Idle mode directly.
4. Select **Done**.

Add new main menu screens

1. In Idle mode, press the Menu key to access Menu mode.
2. Select **Edit** at the top left of the screen.
3. Rotate the device sideways to landscape view.
4. Select + to add a new main menu screen.
   You can add up to 10 screens.

   Select ⊖ to remove the screen from the main menu.
5. Rotate the device to portrait view.
6. Select **Done** at the top left of the screen.

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Launch and manage applications

› Launch multiple applications

Your device allows you to multi-task by running multiple applications at the same time.

To launch multiple applications, press the Menu key to return to the main menu and select an application to launch.

› Use the task manager

You can manage multiple applications with the task manager. To launch the task manager,

1 Press and hold the Menu key. The thumbnails of active applications appear.

2 Control active applications as follows:

- To switch between applications, select one from the thumbnails of active applications.
- To close an application, select ⊖.
- To close all active applications, select **End all applications**.

Use widgets

Widgets are small applications that provide convenient functions and information on your idle screen.

- Some of your widgets connect to web services. Using a web-based widget may incur additional charges.
- Available widgets may vary depending on your region or service provider.

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Open the widget toolbar

To open the widget toolbar and access widgets,

1. In Idle mode, select **Widget** at the top left of the screen to open the widget toolbar.
2. Select **Accept** to acknowledge the Widget usage restrictions.
3. Scroll left or right on the widget toolbar to find the widget you want to use.
4. Drag the widget to the idle screen.
5. Select **Done** at the top left of the screen to close the widget toolbar.
6. Select the widget to activate it on the idle screen.

   To move the widget back to the widget toolbar, drag it to the position you want on the widget toolbar.

You can organize each panel of the idle screen with your favourite widgets. Scroll left or right to a panel and then position widgets anywhere on the screen.

Manage web-based widgets

You can select a widget profile to connect to web services and view downloaded widgets.

In Menu mode, select **Settings** → **Menu and widgets** → **Widget**.

Customize your device

Get more from your device by customizing it to match your preferences.

Add new panels to the idle screen

You can add new panels to the idle screen to organize widgets according to your preferences and needs.

1. In Idle mode, select **Widget** at the top left of the screen.
2. Rotate the device sideways to landscape view.
3. Select + to add new panels to the idle screen.

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You can add up to 10 panels.

Select ⊖ to remove the panel from the idle screen.

4 Rotate the device clockwise to portrait view.

5 Select **Done** at the top left of the screen.

Set the current time and date

1 In Menu mode, select **Settings** → **Date and time**.

2 Select the time zone option and a time zone.

3 Enter the current time and date, and set the time and date format.

4 Select **Back**.

Adjust the volume of the key tones

1 In Idle mode, press the Volume key up or down.

2 Adjust the key tone volume by pressing the Volume key or dragging the slider.

Adjust the vibration intensity of the touch screen

You can adjust the intensity of the vibration feedback that results when you tap the device screen.

1 In Menu mode, select **Settings** → **General** → **Touch**.

2 Drag the slider under **Vibration feedback** to adjust the intensity of the vibration.

3 Select **Set**.

Switch to the silent profile

In Idle mode, select **Keypad**, and then tap and hold # to mute or unmute your device.

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Set up a sound profile

You can change your device's sounds by customizing the current sound profile or switching to another sound profile. To set up a profile,

1. In Menu mode, select **Settings** → **Sound profiles**.
2. Select the profile you are using.
3. Customize the sound options for incoming calls, incoming messages, and other device sounds.
   ► p. 130

   Available sound options vary depending on the selected profile.
4. Select **Set**.

To switch to another profile, select the check box next to the profile and then **Set**.

Select a wallpaper for the idle screen

1. In Menu mode, select **Settings** → **Display and light** → **Wallpaper**.
2. Select an image.
3. Select **Set**.

Adjust the brightness of the display

1. In Menu mode, select **Settings** → **Display and light**.
2. Drag the slider under **Brightness** to adjust the level of brightness.
3. Select **Set**.

   The brightness level of the display will affect how quickly the device consumes battery power.

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Lock your device

You can lock your device by activating the device password.

1. In Menu mode, select **Settings** → **Security**.
2. Select **Phone lock**.
3. Enter a new 4- to 8-digit password and select **Done**.
4. Enter the new password again and select **Done**.

The first time you access a menu that requires a password, you will be prompted to create and confirm a password.

Once the device lock is enabled, you must enter the password each time you turn on the device.

- If you forget your password, bring your device to a Samsung Service Centre to unlock it.
- Samsung is not responsible for any loss of passwords or private information or other damages caused by illegal software.

Lock your SIM card

You can lock your device by activating the PIN supplied with your SIM card.

1. In Menu mode, select **Settings** → **Security**.
2. Select **PIN lock**.
3. Enter the PIN of your SIM card and select **Done**.

Once the PIN lock is enabled, you must enter the PIN each time you turn on the device.

- If you enter an incorrect PIN too many times, your SIM card will be blocked. You must enter a PIN unlock key (PUK) to unblock the SIM card.
- If you block your SIM card by entering an incorrect PUK, bring the card to your service provider to unblock it.

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Activate the mobile tracker

When someone inserts a new SIM card in your device, the mobile tracker feature will automatically send the contact number to specified recipients to help you locate and recover your device. You can also lock, delete data, or receive the lost device's location information.

1. In Menu mode, select **Settings** → **Security**.
2. Select **Mobile tracker**.
3. Enter your password and select **Done**.
4. Select **Recipients** to open the recipient list.
5. Enter a phone number including a country code (with **+**).
6. When you are finished setting the recipients, select **OK**.
7. Select **Sender**.
8. Select **Save** → **Accept**.

If the lost device is equipped with the mobile tracker feature and the feature is activated, you can control it remotely via the Web.

1. From a PC or other Internet-enabled device, access URL www.samsungdive.com.
2. Follow the onscreen instructions to lock your device remotely, wipe your device remotely, or get location of your device.

Due to legal restrictions, determination of device location is possible only in a limited number of countries.

To deactivate the mobile tracker feature, in Menu mode, select **Settings** → **Reset** → **Mobile tracker** → **Reset**.

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Enter text

You can enter text by selecting characters on the virtual keypad or by inputting handwriting on the screen.

Change the text input method

When you tap the text input field, the input panel with the QWERTY keyboard appears by default.

Number	Function
1	Change case.
2	Switch to Number or Symbol mode.
3	Insert a space.
4	Clear your input.
5	Start a new line.
6	Change the input language; Access the keyboard settings (tap and hold).

To change the text input method, tap and hold and select **Keyboard type** → a text input method.

Option	Function
Keypad	Select characters on the keypad.
Qwerty keyboard	Select characters on the Qwerty keyboard.
Writing full screen	Write anywhere on the screen.
Writing box	Write in the input boxes.

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Enter text using input methods

1. Change the text input method.
2. Change the text input mode.
3. Select the appropriate virtual keys or write on the screen to enter your text.

When entering text, rotate the device sideways to display the Qwerty keyboard on the wider screen. Select the virtual keys as necessary to enter your text.

When entering text with the keypad, you can use the following modes:

Mode	Function
ABC	Select an appropriate virtual key until the character you want appears on the display.
T9 (Predictive text)	1. In ABC mode, tap and hold and select **Predictive text** or **T9**. 2. Select the appropriate virtual keys to enter an entire word. 3. When the word displays correctly, select to insert a space. If the correct word does not display, select and an alternative word from the list that appears. **Adding words to the T9 dictionary** If you cannot find a word in the alternative word list, you can add the word to the T9 dictionary. Select **Add word** at the bottom of the alternative word list.

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Mode	Function
Number	Select an appropriate virtual key to enter a number. You can enter numbers by tapping and holding a virtual key in ABC or T9 mode.
Symbol	1. Select 1/3 to scroll to a symbol set you want. 2. Select an appropriate virtual key to enter a symbol.

Copy and paste text

While you are entering text, you can use the copy and paste feature to use text in other applications.

1 Tap and hold the text input field.

2 Select **Select** from the option list.

3 Drag your finger across the text you want to highlight.

4 Select **Copy** or **Cut** to copy and paste, or cut and paste the text onto the clipboard.

5 In another application, tap and hold the text input field.

6 Select **Paste** to insert the text from the clipboard into the text field.

Access help information

Learn to access helpful information about key features of your device.

1 In Idle mode, open the widget toolbar and select ?.

2 Select the help widget from the idle screen.

3 Rotate the device counter-clockwise to landscape view.

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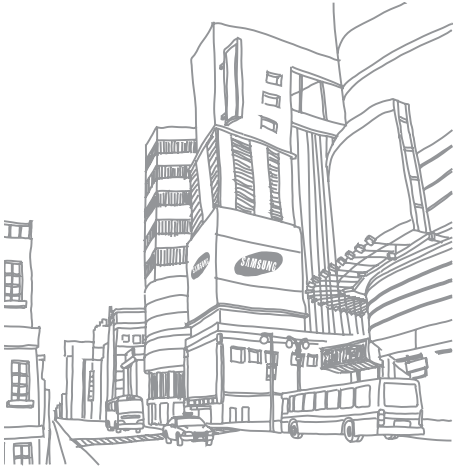
4 Select a help topic to learn about an application or feature.

5 Scroll left or right to view more information.
To return to the previous level, select .



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Communication

Calling

Learn to use calling functions, such as making and answering calls, using options available during a call or customizing and using call-related features.

› Make and answer a call

You can use the buttons or the touch screen when you make, accept, end or reject calls.

Make a call

1 In Idle mode, select **Keypad** and enter an area code and a phone number.

2 Press [ ] to make a voice call.
For a video call, select .

When you hold the device near your face, your device automatically locks the touch screen to prevent accidental inputs.

3 To end the call, press [ ].

- Use Contacts to save numbers you dial frequently. ► p. 92
- To quickly access the call log to redial the numbers you dialled recently, press [ ].

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Answer a call

1 When a call comes in, press [ ].

When the device is ringing, press the Volume key to adjust the volume, or press and hold the Volume key down to mute the ringtone.

2 For a video call, press [ ] and select **Show me** to allow the caller to see you.

The front camera lens is activated to show your image.

3 To end the call, press [ ].

Reject a call

When a call comes in, press [ ]. The caller will hear a busy tone.

- You can set up a list of numbers to reject incoming calls automatically. ► p. 55
- You can send a message when you reject incoming calls.

Call an international number

1 In Idle mode, select **Keypad** and tap and hold **0** to insert the **+** character.

2 Enter the complete number you want to dial (country code, area code and phone number), and then press [ ] to dial the number.

› Use the headset

By plugging the supplied headset into the device, you can make and answer calls:

- To redial the last call, press the headset button, and then press and hold the button.
- To answer a call, press the headset button.
- To end a call, press the headset button.

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Use options during a voice call

You can use the following options while a voice call is in progress:

- To adjust the voice volume, press the Volume key up or down.
- To place a call on hold, select **Hold**. To retrieve a held call, select **Unhold**.
- To activate the speakerphone feature, select **Speaker**. You can activate the speakerphone feature with motion. In Menu mode, select **Settings** → **General** → **Gestures** → **Putting down (Speaker call)**. Then, during a call, place your device on a table or a flat surface.

  In noisy environments, you may have difficulty hearing some calls while using the speakerphone feature. For better audio performance, use the normal device mode.
- To turn off the microphone so that the other party cannot hear you, select **Mute**.
- To listen and talk to the other party via the headset, select **Headset**.
- To switch the current call to a video call, select [•••] → **Switch to video call**.
- To remove noise from your background so that the other party can hear you more clearly, select [•••] → **Noise reduction on**.
- To dial a second call, place the first call on hold and then dial a new number.
- To answer a second call, select **Accept** when a call waiting tone sounds. The first call is automatically placed on hold.
- To switch between the two calls, select **Swap**.
- To end the active call, select **End call**.

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- To make a multiparty call (conference call), make or answer a second call and select **Join** when connected to the second party. Repeat to add more parties. You must subscribe to the multiparty call service to use this feature.

Use options during a video call

You can use the following options while a video call is in progress:

- To hide your image from the other party, select **Hide me**.
- To select an alternative image to be shown to the other party, select **Outgoing image**.
- To capture the other party's image, tap and hold the video image of other party and select **Capture image**.
- To record a video call, tap and hold the video image of other party and select **Record video call**.
- To listen and talk to the other party via the headset, select [•••] → **Switch to headset**.
- To switch between the front and rear camera lens, select [•••] → **Switch camera** or tap and hold your image and select **Switch camera**.
- To adjust the brightness, select [•••] → **Brightness** or tap and hold your image and select **Brightness**.
- To zoom in or out, select [•••] → **Zoom**. The zoom feature is available only when you are using the rear camera.
- To apply the blur effect to your image, select [•••] → **Blur effect** or tap and hold your image and select **Blur effect**. The blur effect feature is available only when you are using the front camera.
- To customize the video call settings, select [•••] → **Settings** → **Applications** → **Call** → **Video call**.

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View and dial missed calls

Your device will display the number of calls you have missed on the locked display in a "puzzle piece" icon.

- To see the call log, drag the icon to the blank spot in the puzzle grid.
- To see the details of a call, select the call from the list.
- To return a call, place a video call or send a message, touch the corresponding icon at the top of the screen.

Use additional features

You can use various other call-related features, such as auto rejection, Fixed Dialling Number (FDN) mode, or call forwarding or barring.

Set auto rejection

Use auto rejection to reject calls from certain numbers automatically. To activate auto rejection and set up the reject list,

1. In Menu mode, select **Settings** → **Applications** → **Call** → **All calls** → **Auto reject**.
2. Select [•••] → **Create**.
3. Enter a number to reject and select **Save**.
4. To add more numbers, repeat steps 2-3.
5. Select the check boxes next to the numbers.
6. Select **Save**.

To deactivate auto rejection of a number,

1. In Menu mode, select **Settings** → **Applications** → **Call** → **All calls** → **Auto reject**.
2. Deselect the check box next to the number.
3. Select **Save**.

Make a fake call

You can simulate an incoming call when you want to get out of meetings or unwanted conversations.

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To activate the hot key to make fake calls, in Menu mode, select **Settings** → **Applications** → **Call** → **Fake call** → **Fake call hot key**.

To make a fake call, press and hold the Volume key down in Idle mode. A fake call comes in after a specified length of time.

You can change the delay time before fake calls. In Menu mode, select **Settings** → **Applications** → **Call** → **Fake call** → **Fake call timer**.

You can make fake calls appear more realistic by playing back a recorded voice. To record a voice,

1. In Menu mode, select **Settings** → **Applications** → **Call** → **Fake call**.
2. Touch **Use fake call voice** to activate the function (green dot appears at the right side).
3. Select **Record voice**.
4. Select ● to start recording.
5. Speak into the microphone.
   During recording, select ❙❙ to pause and select ● to resume.
6. When you are finished, select **Save**.

You can also make fake calls appear more realistic by showing a caller ID image and caller's name or number.

1. In Menu mode, select **Settings** → **Applications** → **Call** → **Fake call**.
2. Select **Name** or **Number**.
3. Enter a name or number.
4. Select **Fake caller image**.
5. Select the image field.
6. To add an existing image, select **Get from My files**, select an image and select **Set**. To take a new photo, select **Get from Camera** and take a photo.

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Use Fixed Dialling Number (FDN) mode

In FDN mode, your device will restrict outgoing calls, except for the numbers stored in the SIM card. You must first set up your FDN list in the phonebook to use FDN mode. To activate FDN mode,

1. In Menu mode, select **Settings** → **Security** → **Fixed dialing mode**.
2. Enter the PIN2 supplied with your SIM card and select **Done**.

Set call forwarding

Call forwarding is a network feature to send incoming calls to another number that you specify. You can set this feature separately for several conditions when you are not able to answer calls, such as when you are already on the device or when you are outside of the service area.

1. In Menu mode, select **Settings** → **Applications** → **Call** → **Voice call** or **Video call** → **Call forwarding**.
2. Select a condition.
3. Select **Forward to** and select **To voice mail**, **Contacts**, or **To another number**.

Your setting will be sent to the network.

Set call barring

Call barring is a network feature to restrict certain types of calling or to prevent others from making calls with your device.

1. In Menu mode, select **Settings** → **Applications** → **Call** → **Voice call** or **Video call** → **Call barring**.
2. Select a call type to restrict.

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3 Select **Activate.**

4 Enter a call barring password and select **Done**.
Your setting will be sent to the network.

Set call waiting

Call waiting is a network feature to alert you of an incoming call while you are on a previous call. This feature is available only for voice calls.

1 In Menu mode, select **Settings** → **Applications** → **Call** → **Voice call** → **Call waiting**.

2 Select **Activate**.
Your setting will be sent to the network.

Logs

Learn to view and manage logs of calls you have dialed, received, or missed and messages you have sent or received.

› View call and message logs

You can view logs of your calls and messages filtered by their types.

1 In Menu mode, select **Logs**.

2 Scroll left or right to choose a log type at the top of the screen.

3 Select a log to view its details.

From the detail view, you can dial the number, send a message to the number or add the number to the phonebook or reject list.

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View the log manager

From the log manager, you can check the amount of data or number of messages sent or received and the cost and duration of your calls.

1. In Menu mode, select **Logs** → [•••] → **Log manager**.
2. Select an option you want.

Option	Function
Call duration	View time data for your calls, such as the duration of the last call and the total duration of all calls.
Message counter	View the number of messages you have sent or received.
Email counter	View the number of emails you have sent or received.

You can reset the records in the log manager. From each screen, select **Reset**.

Messages

Learn to create and send text (SMS), multimedia (MMS), or email messages, and view or manage messages you have sent or received.

You may incur additional charges for sending or receiving messages while outside your home service area. For details, contact your service provider.

Send a text message

1. In Menu mode, select **Messages** → **Compose**.
2. Enter a number manually or select one or more from **Recent**, **Contacts** or **Groups**.
3. Select the text input field and enter your message text.

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4 Select **Send** to send the message.

- If you decide not to send a message immediately, you can save it to the draft folder for future use.
- If an error occurs while you are sending a message, it will be saved in the outbox so you can try to send it later.
- When a message is sent successfully, it will be saved in the sentbox.

› Set up an MMS profile

To send and receive multimedia messages, you must activate a connection profile for connecting to the MMS server. In addition to profiles that are preset by your service provider, you can add your own connection profile.

1 In Menu mode, select **Settings** → **Connectivity** → **Network** → **Connections** → **Yes**.

2 Select **Create**.

3 Customize the parameters for the connection profile.

Option	Function
Set name	Enter the name for the profile.
Access name	Enter the access point name.
Auth type	Select an authentication type.
User ID	Enter your user name.
Password	Enter your password.
Protocol	Select a network protocol.
Home URL	Enter the web address of a website to use as your homepage.
Proxy address	Enter the address of the proxy server.
Linger Time (Sec.)	Enter how long the device will wait for responses from the network.
Advanced settings	Customize IP and DNS addresses and traffic class.

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4 When you are finished, select **Save**.

5 In Menu mode, select **Messages** → [•••] → **Settings** → **Multimedia messages** → **Multimedia message profiles**.

6 Select a connection profile → **Set**.

› Send a multimedia message

1 In Menu mode, select **Messages** → **Compose**.

2 Select **Contacts**.

Enter a number or email address manually or select one or more from **Recent**, **Contacts** or **Groups**.

When you enter an email address, the device will ask if you want to send a multimedia message. Select **OK** to confirm.

3 Select the text input field and enter your message text.

4 Select [ ] or select [•••] → **Add Multimedia** and attach a file.

You can select a file from the file list, take a photo or record a sound.

5 Select **Send** to send the message.

› View a text or multimedia message

Messages you have received, sent or saved are sorted automatically into the following message folders.

- **Inbox**: Received messages
- **Sentbox**: Sent messages
- **Outbox**: Messages that are currently sending or waiting to be sent
- **Drafts**: Messages that you have saved for future use

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1 In Menu mode, select **Messages** and select a thread.
By default, your messages are grouped by contact as a message thread. To change the view mode, select [•••] → **Folder view**.

2 Select a text or multimedia message.

From the message list, use the following options:

- To view the messages on the thread view, select [•••] → **Conversation view**.
- To delete the messages, select [•••] → **Delete**.
- To search a message you want, select [•••] → **Search**.
- To move the message to a created folder, select [•••] → **Move to My folders** from the message list.
- To view message templates or access the folders you have created, select [•••] → **My folders**.
- To view broadcast messages, select [•••] → **Broadcast messages**.
- To move a message to the spambox, select [•••] → **Spambox**.
- To sort messages, select [•••] → **List by**.
- To adjust the message settings, select [•••] → **Settings**.

› Listen to voice mail messages

If you have set missed calls to be diverted to the voice mail server, callers may leave voice messages when you do not answer incoming calls. To access your voice mail inbox and listen to voice mail messages,

1 In Idle mode, select **Keypad**, and then tap and hold **1**.

2 Follow the instructions from the voice mail server.

You must save the voice mail server number provided by your service provider before accessing the server. .

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Use message templates

Learn to create and use text and multimedia templates to quickly and easily create new messages.

Create a text template

1 In Menu mode, select **Messages**.

2 Select [•••] → **My folders** → **Templates** → **Create**.

3 Enter your text and select **Save**.

You can now insert a text template in the text field while creating a text, multimedia, or email message by using the **Add text** option.

Create a multimedia template

1 In Menu mode, select **Messages**.

2 Select [•••] → **My folders** → **MMS cards** → **Create**.

3 Create a multimedia message, with a subject and desired attachments, to use as your template. ►p. 61

4 Select **Save**.

You can now use a multimedia template to create a new multimedia message. From the MMS card list, tap and hold a template and select **Send**. Your template will open as a new multimedia message.

Create a folder to manage messages

Learn to create folders to manage your messages according to your preferences and needs.

1 In Menu mode, select **Messages**.

2 Select [•••] → **My folders** → **Create**.

3 Enter a new folder name and select **Done**.

You can now move your important messages from the inbox or sentbox to a custom folder for easier management or to protect them from accidental deletion.

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Send an SOS message

In case of an emergency, you can ask for help by sending an SOS message to specified recipients.

This feature may be unavailable depending on your region or service provider.

1. In Menu mode, select **Messages**.
2. Select [ ] → **Settings** → **SOS messages** → **Sending options**.
3. Select **Sending SOS** to activate the SOS messaging feature.
4. Select **Recipients** to open the recipient list.
5. To enter a recipient number, select the input field, enter the number, and select **OK**. Skip to step 9.
6. To select a number saved in a contact list, select **Recent**, **Contacts**, or **Groups** and then continue with the next step.
7. Select contacts and select **Add**.
8. Select a phone number (if necessary).
9. When you are finished setting the recipients, select **OK**.
10. Select **Repeat** and select the number of times to repeat the SOS message.
11. Select **Set** → **Set** → **Yes**.

To send an SOS message, the touch screen and keys must be locked. Press the Volume key 4 times.

Once you send an SOS message, all device functions will be suspended until you press and hold the Lock key.

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Email

› Set up an email account and profile

In addition to the email account predefined by your service provider, you can add your personal email accounts. Also, you can add your own connection profile for using email services.

Set up an email account

1 In Menu mode, select **Email** .

To set up an account for one of the listed email services, select the service name.

To set up an account for a different email service, select **Others.**

2 Customize the settings for the account by following the screens. NOTE: if you select an existing service, the only options available are Email address, User name and Password.

Option	Function
Account name	Enter a name for the account. This option is available only when setting up a new email account.
Email address	Enter your email address.
User name	Enter your user name for the account.
Password	Enter your password for the account.
SMTP server	Enter the address of the SMTP server (outgoing server).
SMTP port	Enter the port number of the SMTP server.

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Option	Function
Secure connection	Select a security protocol for the SMTP server.
Incoming server type	Select the type of the incoming server (POP3 or IMAP4).
POP3 server/ IMAP4 server	Enter the address of the incoming server.
POP3 port/ IMAP4 port	Enter the port number of the incoming server.
Secure connection	Select a security protocol for the incoming server.

Select an email profile

1. In Menu mode, select **Email** → [⋯] → **Settings** → **Email profiles**.
2. Select a profile and select **Set**.

› Send an email message

1. In Menu mode, select **Email** → an account → **Compose**.
   You can select **Account list** to view other accounts.
2. Enter an email address manually or select **Contacts** and choose one from the call log or groups by selecting another option.
3. Select the Cc/Bcc field to add more recipients.
4. Select the subject field to enter a subject.

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5 Select the text input field to enter your email text.

6 Select [•••] → **Attach items** to attach a file.
You can select a file from the file list or take a photo, record a video, or capture a sound clip.

7 Select **Send** to send the message.

Download and view email messages

1 In Menu mode, select **Email** → an account.

2 If necessary, select **Inbox**.

3 Select [•••] → **Download**.

4 Select an email or a header.

5 If you selected a header, select [•••] → **Retrieve** to view the body of the email.

Synchronize emails with an Exchange server

After configuring sync settings, you can synchronize your email with an Exchange server. To configure Exchange server,

1 In Menu mode, select **Email** → [•••] → **Settings** → **Email accounts** → **New** → **Email for Exchange**.

2 Customize the settings for the Exchange server in the following areas:

Option	Function
Email address	Enter your email address for the Exchange server.
User name	Enter your user name for the Exchange server.
Password	Enter your password for the Exchange server.

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Option	Function
Domain	Enter the domain of your email address.

3 After customizing the server settings, select the dot next to data types to synchronize.

For synchronizing emails and calendar events, you can set the sync interval.

To synchronize your emails,

1 In Menu mode, select **Email** → the Exchange server account.

2 Select [•••] → **Download**.

IM

Learn to chat with friends and family from universal instant messengers such as Windows Live Messenger, Google Talk, and Yahoo Messenger.

Set up an IM account

1 In Menu mode, select **IM**.

2 Select an IM account from the account list.

3 Enter your User name and Password and select **Next** to automatically verify your account.

Chat with others

1 In Menu mode, select **IM**.

2 If you have created one IM account, you are automatically signed in to that account. If you have created more than one account, select the account you want to use.

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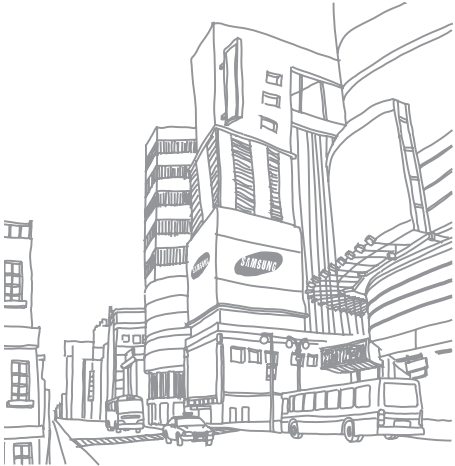
3 Chat with friends and family instantly.

Social Hub

Learn to access Social Hub™, Samsung's integrated push-based communication application for email, messages, instant messages, contacts or calendar information. Visit http://socialhub.samsungmobile.com for more details.

1 In Menu mode, select **Social Hub**.

2 Check and use contents delivered from Social Hub.



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Entertainment

Camera

Learn how to capture and view photos and videos. You can take photos at resolutions up to 2560 x 1920 pixels (5 megapixels) and videos at resolutions up to 1280 x 720 pixels.

› Capture a photo

1 In Idle mode, press the Camera key to turn on the camera.

2 Rotate the device counter-clockwise to landscape view.

- The camera interface appears only in the landscape orientation.
- Tap the screen to hide or display viewfinder icons.
- The camera automatically turns off when you do not use it for a specified period.
- The memory capacity may differ depending on the shooting scene or shooting conditions.

3 If necessary, select to switch to the camera.

4 Aim the lens at the subject and make any necessary adjustments.

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Number	Function
1	Check the camera status and settings. • : Resolution • : Exposure meter type • : Default storage location • : Number of photos you can take (according to available memory)
2	Switch between camera and camcorder.
3	Change the shooting mode.
4	Change the scene mode.
5	Change the camera settings.
6	Change the flash setting; You can manually turn the flash on or off or set the camera to automatically use the flash when needed.
7	Change the focus mode; You can take macro close-up photos or set the camera to focus on human faces automatically.
8	Adjust the exposure compensation; Select + to increase exposure or – to decrease.
9	View photos and videos you have captured.

5 Press the Volume key to zoom in or out.

6 Press the Camera key to take a photo.
The photo is saved automatically.

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After taking photos, select to view the captured photos.

- To view more photos, scroll left or right or tilt the device left or right.
- To zoom in, tap the screen with two fingers and spread them apart (move your fingers closer together to zoom out). To exit the zoom mode, select **Real size**.
- To add the photo to your favorites, select .
- To view the photos and videos in a slideshow, select . Tap the screen to stop the slideshow.
- To view the photo details, select .
- To view thumbnails of all photos and videos, select .
- To delete a photo, select **Delete** → **Yes**.
- To access additional options for the photo, select and one of the following items:
  - **Send via**: Send the photo to others via multimedia message, email or the Bluetooth wireless feature. You can also send the photo to a DLNA-enabled device using **AllShare**.
  - **Upload**: Post the photo to a community website or blog.
  - **Set as**: Set the photo as wallpaper or a caller ID image for a contact.
  - **Edit tag**: Add or edit a tag to categorize the photo.
  - **Edit**: Edit the photo using **Image editor** or video using **Video editor**.
  - **Print via**: Print the photo using USB connection or the Bluetooth wireless feature.
  - **Create movie**: Compile images and/or videos into a video file with background music and transition effects.

› Capture a photo by using preset scene options

Your camera provides predefined settings for various scenes. You can simply select the proper mode for your shooting condition and subjects.

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For example, when you take photos at night, select the night mode that uses an extended exposure. When you take photos of people with the light source behind them, select the against light mode.

1 In Idle mode, press the Camera key to turn on the camera.

2 Rotate the device counter-clockwise to landscape view.

3 Select SCN → a scene → .

4 Make any necessary adjustments.

5 Press the Camera key to take a photo.

› Capture a beauty photo

You can hide facial imperfections using Beauty mode.

1 In Idle mode, press the Camera key to turn on the camera.

2 Rotate the device counter-clockwise to landscape view.

3 Select → **Beauty**.

4 Make any necessary adjustments.

5 Press the Camera key to take a photo.

› Capture a photo in Smile shot mode

Your camera can recognize people's faces and help you take photos of their smiling faces.

1 In Idle mode, press the Camera key to turn on the camera.

2 Rotate the device counter-clockwise to landscape view.

3 Select → **Smile shot**.

4 Make any necessary adjustments.

5 Press the Camera key.

Aim the camera lens at your subject. Your device recognizes people in an image and detects their smiles. When the subject smiles, the device automatically takes a photo.

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Capture a series of photos

You can easily take a series of photos of moving subjects. This is useful when you are photographing children at play or a sporting event.

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the device counter-clockwise to landscape view.
3. Select → **Continuous**.
4. Make any necessary adjustments.
5. Press and hold the Camera key. The camera will take a series of up to nine photos while the camera key is held down.

Capture a panoramic photo

You can take wide panoramic photos using Panorama shooting mode. This mode is convenient for photographing landscapes.

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the device anti-clockwise to landscape view.
3. Select → **Panorama**.
4. Select a direction.
5. Make any necessary adjustments.
6. Press the Camera key to take the first photo.
7. Slowly move the device in the direction you selected and align the green frame in the brackets at the centre of the viewfinder.

   When you have aligned the green frame within the brackets, the camera automatically takes the next photo.

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8 Repeat step 7 to complete the panoramic photo.

9 Select to save the panoramic photo.

Capture a vintage photo

You can take photos with a vintage look and feel by applying colour filters.

1 In Idle mode, press the Camera key to turn on the camera.

2 Rotate the device anti-clockwise to landscape view.

3 Select → **Vintage**.

4 Select → a colour tone.

5 Make any necessary adjustments.

6 Press the Camera key.

Customize camera settings

Before taking a photo, select → to access the following options:

Option	Function
Outdoor visibility	Activate Outdoor visibility to increase screen visibility in bright lighting conditions.
Timer	Select the length of the delay before the camera takes a photo.
Resolution	Change the resolution of captured images.
White balance	Adjust the colour balance according to lighting conditions. The default setting is Auto (automatic).
Effects	Apply a special effect, such as sepia or black and white tones.

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Option	Function
ISO	Adjust the sensitivity of the camera imaging sensor. The default setting is Auto (automatic).
Exposure metering	Select a type of exposure meter.
Anti-Shake	Reduce blur caused by the device's vibration or movement.
Auto contrast	Automatically adjust contrast between your subject and background.
Blink detection	Set the camera to alert you when people close their eyes.
Image quality	Set the quality level for your photos.
Adjust	Adjust contrast, saturation, and sharpness.

Before taking a photo, select → to access the following settings:

Setting	Function
Guidelines	Display guidelines on the preview screen.
Review	Set the camera to display the captured image.
GPS connection	Set the camera to include location information for your photos. • To improve GPS signals, avoid shooting in locations where the signal may be obstructed, such as between buildings or in low-lying areas, or in poor weather conditions. • Alternately, customize the GPS connection settings to improve GPS reception. ► p. 130

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Setting	Function
Shutter sound	Set the sound the camera shutter makes when capturing a photo.
Storage	Select a memory location for storing captured photos.
Reset settings	Reset menus and shooting options.

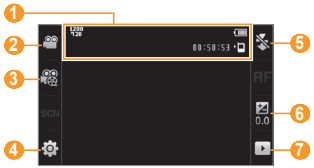
Capture a video

1 In Idle mode, press the Camera key to turn on the camera.

2 Rotate the device counter-clockwise to landscape view.

3 If necessary, select to switch to the camcorder.

4 Aim the lens at the subject and make any necessary adjustments.



Number	Function
1	Check the camcorder status and settings. • 1280 120 : Resolution • : Default storage location • 00:50:53 : Length of video that can be captured (according to available memory)

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Number	Function
2	Switch to the camera.
3	Change the recording mode (Normal, Limit for MMS or Slow motio).
4	Change the camcorder settings.
5	Change the video light setting; You can manually turn the light on or off, or set the camera to automatically use the light when needed.
6	Adjust the exposure compensation; Select + to increase exposure or – to decrease.
7	View photos and videos you have captured.

5 Press the Volume key to zoom in or out.

6 Press the Camera key to start recording.

7 Select ■ or press the Camera key to stop recording. The video is saved automatically.

The camera may not be able to properly record videos to a memory card with a slow transfer speed.

After capturing videos, select ▸ to view captured videos.

- To view more videos, scroll left or right or tilt the device left or right.
- To play the video, select ▶ at the centre of the screen.

During playback, double-tap the screen to pause or play again.

- To add the video to your favorites, select ★.
- To view the photos and videos in a slideshow, select ▶. Tap the screen to stop the slideshow.
- To view video details, select i.
- To view thumbnails of all photos and videos, select ▦.
- To delete a video, select **Delete** → **Yes**.

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- To use additional features, select [•••] and one of the following options:
  - **Send via**: Send the video to others via multimedia message, email, or the Bluetooth wireless feature. You can also send the video to a DLNA-enabled device using **AllShare**.
  - **Upload**: Post the video to a community website or blog.
  - **Edit tag**: Add or edit a tag to categorize the video.
  - **Edit**: Lets you compile images and/or videos into a video file with background music and transition effects..

Capture a video in slow motion

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the device counter-clockwise to landscape view.
3. If necessary, select [📷] to switch to the camcorder.
4. Select [⚙] → **Slow motion**.
5. Press the Camera key to start recording.
6. Select [■] or press the Camera key to stop recording.

Customize camcorder settings

Before capturing a video, select [⚙] → [⚙] to access the following options:

Option	Function
Outdoor visibility	Activate Outdoor visibility to increase screen visibility in bright lighting conditions.
Timer	Select the length of the delay before the camera starts recording a video.
Resolution	Change the video resolution.
White balance	Adjust the colour balance according to lighting conditions.

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Option	Function
Effects	Apply a special effect, such as sepia or black and white tones.
Video quality	Set the quality level for your videos.
Adjust	Adjust contrast, saturation, and sharpness.

Before capturing a video, select → to access the following settings:

Setting	Function
Guidelines	Display the guidelines on the preview screen.
Audio recording	Turn the audio on or off.
Storage	Select a memory location for storing captured videos.
Reset settings	Reset menus and shooting options.

Video player

Learn to use the video player to play various kinds of videos. The video player supports the following file formats: mp4, 3gp, wmv, asf, avi, mkv, divx, and xvid.

To play DivX video files, you must first register your device with the DivX website. In Menu mode, select **Settings** → **About phone** → **DivX(R) VOD** → **Register** to check your registration code and then visit http://vod.divx.com to complete the registration.

› Play a video

1 In Menu mode, select **Video player**.

2 Select a video to play.

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3 Control playback with the following keys:

Number	Function
1	Activate the 5.1 channel surround sound system when a headset is connected.
2	Move to a point in the file by dragging the bar.
3	Scan backward in a file.
4	Change the ratio of the video screen.
5	Pause playback; While paused, press the Camera key to capture the current screen; Select ▶ to resume playback.
6	Scan forward in a file.

Customize video player settings

During video playback, select ▲ to access the following settings:

Option	Function
Subtitles on	Activate or deactivate subtitles in the video. This option appears only when a subtitle file exists. Supported formats are srt and smi files.
Brightness	Adjust the brightness of the video.

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Option	Function
Mosaic search	Divide the video into segments to apply different settings to each segment.
Color tone	Change the color tone.
Repeat on	Repeat video playback.
Send via	Send the video to others via multimedia message, email, or Bluetooth wireless. You can also send the video to a DLNA-enabled device using **AllShare**.
Upload to web	Post the video to a community website or blog.
Details	View the details of the video.

Media browser

Learn to view photos and play videos saved in your device's memory and memory card.

› View a photo

1 In Menu mode, select **Media browser**.
To change the view mode, select **View by** → an option.

2 Select a photo to view.

While viewing a photo, use the following options:

- To view more photos, scroll left or right or tilt the device left or right.
- To zoom in, tap the screen with two fingers and spread them apart (move your fingers closer together to zoom out). To exit the zoom mode, select **Real size**.
- To add the photo to your favourites, select .
- To view a slideshow of photos and videos, select . Tap the screen to stop the slideshow.

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- To view the photo details, select .
- To recognize faces in the photo and prioritize focus on those faces, select .
- To delete the photo, select **Delete** → **Yes**.
- To send the photo, select → **Send via**.
- To edit the photo, select → **Edit**. (►p. 124)

› Play a video

1. In Menu mode, select **Media browser**.
2. Select a video (with a play icon) to play.
3. Select to begin playback.
4. Control playback with the virtual keys. ►p. 80

Music

Learn to listen to your favourite music while on the go with the music player. The music player supports the following file formats: mp3, aac, wma, 3ga, and m4a.

› Add music files to your device

Start by transferring files to your device or memory card:

- Download from the wireless web. ► p. 98
- Download from a PC with the optional Samsung Kies software. ► p. 116
- Receive via Bluetooth. ►p. 107
- Copy to your memory card. ► p. 117
- Synchronize with Windows Media Player 11. ►p. 116

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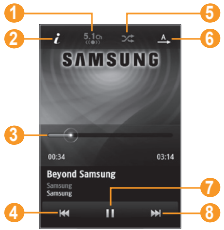
Play music

After transferring music files to your device or memory card,

1. In Menu mode, select **Music**.
2. Select a music category → a music file.
3. Control playback with the following keys:



Number	Function
1[1]	Activate the 5.1 channel surround sound system when a headset is connected.
2[1]	View the details of the music file.
3[1]	Move to a point of the file by dragging the bar.
4	Skip backwards; Scan backward in a file (tap and hold).
5[1]	Activate Shuffle mode.
6[1]	Change the repeat mode (off, repeating a file, or repeating all files).
7	Pause playback; Select ▶ to resume playback.
8	Skip forward; Scan forward in a file (tap and hold).

1. These icons are shown when you tap the player screen.

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- SRS CS Headphone™ delivers a 5.1 surround sound experience over standard headphones or earbuds when listening to multichannel content, such as DVD movies.
- WOW HD™ significantly improves the playback quality of audio, delivering a dynamic 3D entertainment experience with deep, rich bass and high frequency clarity for crisp detail.

Access the revolving list

At any time while using the music player, rotate the phone counter-clockwise to landscape view to make selections from a revolving list. Items on the list correspond to the active selection on the music category screen, i.e., if the selected category is Albums, the revolving list displays album names.

To make a selection, drag around the circle until your choice is displayed then touch the icon .

If the revolving list is displaying All Tracks, making a selection plays the track. If the revolving list is displaying any of the other categories, making a selection opens a list of songs in that category. Select a music file from the list to play it.

Create a playlist

1. In Menu mode, select **Music**.
2. Select **Playlists** → [•••] → **Create**.
3. Enter a title for your new playlist and select **Done**.
4. Select the created playlist.
5. Select **Add**.
6. Select the files you want to include and select **Add**.

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Add a song to the quick list

1. During playback, select **Add to quick list** to store your favourite songs to the quick list.
2. To view songs on the list, select **Go to quick list**.

Customize music player settings

1. In Menu mode, select **Music**.
2. Select [•••] → **Settings**.
3. Adjust the following settings to customize your music player:

Option	Function
Equalizer	Select a default equalizer for the style of music you play most often.
Effect	Select a sound effect.
Music menu	Select music categories to display on the music library screen.
Visualisation	Select a screen animation to display during playback.

Find music information

Learn to access an online music service to get information about a song.

- This service is not available from some service providers.
- The database does not include information for all songs.

1. In Menu mode, select **Music** → [•••] → **Music recognition**.
2. Select ● to record a part of a song.
   After 10 seconds, the recording will stop automatically.
3. Follow the on-screen instructions to send the recording to the music information server.

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FM radio

Learn to listen to music and news on the FM radio. To listen to the FM radio, you must connect the supplied headset, which serves as the radio antenna.

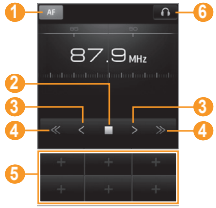
› Listen to the FM radio

1 Plug the supplied headset into the device.

2 In Menu mode, select **FM radio**.

3 Select **Yes** to start automatic tuning.
The FM radio scans and saves available stations automatically.

The first time you turn on the FM radio, you will be prompted to start automatic tuning.

4 Control the FM radio with the following keys:

Number	Function
1	Set the FM radio to automatically retune frequencies for stations when the current signal is weak.
2	Turn off the FM radio; Select ▶ to turn on the FM radio.
3	Change the frequency by 0.1 MHz.
4	Search for an available radio station.

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Number	Function
5	Add the current radio station to the favourites list.
6	Change the sound output (headset or device's speaker).

Record a song from the FM radio

1. Plug the supplied headset into the device.
2. In Menu mode, select **FM radio**.
3. Select ▶ to turn on the FM radio.
4. Scroll to the radio station you want.
5. Select ▲ → **Record** to start recording.
6. When you are finished recording, select **Save**.
   The recorded file will be saved in **Sounds** (in Menu mode, select **My files** → **Sounds**).
   To listen to a recorded file, select ▲ → **Go to recorded files** → a file.

Save a radio station automatically

1. Plug the supplied headset into the device.
2. In Menu mode, select **FM radio**.
3. Select ▲ → **Scan**.
4. Select **Yes** to confirm (if necessary).
   The FM radio scans and saves available stations automatically.

Add a radio station to the favourites list

1. Plug the supplied headset into the device.
2. In Menu mode, select **FM radio**.

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3 Select ▶ to turn on the FM radio.

4 Scroll to the radio station you want.

5 Select one of the + keys to add the station to that key.

Customize FM radio settings

1 In Menu mode, select **FM radio**.

2 Select ▲ → **Settings**.

3 Adjust the following settings to customize your FM radio:

Option	Function
Alternative frequency	Set whether or not the FM radio attempts to retune a radio station when the signal is weak.
FM radio auto off	Set whether or not to turn off the FM radio automatically.
Record location	Set a memory location for storing recorded sound clips.
Default name of recording files	Set a default prefix for recorded sound clips.

4 When you are finished, select **Back**.

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Games and more

Learn to use games and applications powered by award-winning Java technology.

The download of Java games or applications may not be supported depending on the software of the device.

› Download games and applications

1. In Menu mode, select **Games and more** and select the website icon preset by your service provider.
2. Search for a game or application and download it to the device.

› Play games or launch applications

1. In Menu mode, select **Games and more**.
2. Select a game or application from the list and follow the on-screen instructions.

- Available games or applications may vary depending on your region or service provider.
- Controls and options of games or applications may vary.
- Select **Protection** to protect your games or applications from accidental deletion.

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Personal information

Contacts

Learn to create and manage a list of your personal or business contacts stored on the device's memory or a SIM card. You can save names, mobile phone numbers, home phone numbers, email addresses, birthdays and more for your contacts.

› Create a contact

1. In Menu mode, select **Contacts** → **Create**.
2. Enter contact information.
3. Select **Done** to add the contact to memory.

You can also create a contact from the dialing screen.

1. In Idle mode, select **Keypad** and enter a phone number.
2. Select **Add to Contacts** → **Create contact**.
3. Enter contact information.
4. Select **Done** to add the contact to memory.

› Find a contact

1. In Menu mode, select **Contacts**.
2. Select **Search** and enter the first letters of the name you want.
3. Select the contact's name from the contact list.

Once you find a contact, you can:

- Make a voice call by touching the number you wish to dial.
- Send a text or multimedia message by selecting ✉.

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- Make a video call by selecting .
- Edit the contact information by selecting **Edit**.

Set a favourite number

1 In Menu mode, select **Contacts** → **Favorites** → **Add**.

2 Select the check box next to the contact and **Add**.

The contact is saved to the favourite number list.

To add the number to your list of favourites, select a contact from **Contacts** and then select ★ next to the contact name.

The favourite numbers will be assigned to the buddy list ( ) on the widget toolbar.

Create your namecard

1 In Menu mode, select **Contacts** → ••• → **My profile**.

2 Enter your own personal details.

3 Select **Done**.

You can send your namecard by attaching it to a message or email or transferring it via the Bluetooth wireless feature.

Retrieve contacts from your community accounts

You can view the list of community website accounts and select an account to add a contact from the website to your device contacts.

1 In Menu mode, select **Contacts** → ••• → **Get Friends**.

The accounts list you added will appear.

2 Select an account.

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Create a group of contacts

By creating groups of contacts, you can manage multiple contacts and send messages or email to an entire group. Start by creating a group.

1. In Menu mode, select **Contacts** → **Groups** → **Create**.
2. Select a memory location to save the group.
3. Enter a name and select a ringtone for the group.
4. Select **Save**.

Copy contacts

1. In Menu mode, select **Contacts** → [•••] → **Copy contacts**.
2. Select a copy option (from the phone to the SIM card, or from the SIM card to the phone).
3. Select contacts to copy.
4. When you are finished selecting contacts, select **Copy**.

Calendar

Learn to create and manage daily, weekly or monthly events, and set alarms to remind yourself of important events.

Create an event

1. In Menu mode, select **Calendar**.
2. Select **Create**.
3. Enter the details of the event as required.
4. Select **Save**.

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View events

To change the calendar view,

1. In Menu mode, select **Calendar**.
2. Select a view mode from the mode list (List, Day, Month or Today).
3. Select an event to view its details.

To view events of a specific date,

1. In Menu mode, select **Calendar**.
2. Select a date on the calendar.
   In month view, days with scheduled events are indicated by a small triangle.
   To move to a specific day by entering a date manually, select **Go to**, enter the date , and select **Go to**.
3. Select an event to view its details.

- You can send the event to others by selecting [•••] → **Send via** → an option.
- You can print the event via Bluetooth by selecting [•••] → **Print via Bluetooth**.
- You can synchronize your calendar with an Exchange server after configuring sync settings. ► p. 67

Stop an event alarm

If you set an alarm for a calendar event, the alarm will sound at the specified time. To stop the alarm, select **Stop**.

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Task

Learn to create a virtual task list and set alarms to remind yourself of important tasks or set priority.

Create a task

1. In Menu mode, select **Task**.
2. Select **Create**.
3. Enter the details of the task.
4. Select **Save**.

View tasks

1. In Menu mode, select **Task**.
2. Select [•••] → **List by** and select a category to sort the tasks.
3. Select a task to view its details.

   For completed tasks with an expired deadline, you can set their status to completed by selecting a task and the check box from the top line. You will not be reminded of those tasks any longer.

- You can send the task to others by selecting [•••] → **Send via** → an option.
- You can print the task via Bluetooth by selecting [•••] → **Print via Bluetooth**.
- You can synchronize your tasks with an Exchange server after configuring sync settings. ► p. 67

Memo

Learn to record important information to save and view at a later date.

Create a memo

1. In Menu mode, select **Memo**.

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2 Select **Create**.

3 Enter your memo text.

4 To change the background colour, select **Cancel** and select a colour in the line at the bottom of the screen.

5 Select **Save**.

› View memos

1 In Menu mode, select **Memo**.

2 Select a memo to view its details.

To view all details of memos from the memo list, select **Maximize**.

You can send the memo to others by opening the memo and selecting **Send via** → an option.

Voice recorder

Learn to operate your device's voice recorder. You can set voice memos as call or alarm ringtones.

› Record a voice memo

1 In Menu mode, select **Voice rec.**

2 Select ● to start recording.

3 Speak into the microphone.

4 When you are finished, select ■ or **Save**.

Your memo is saved automatically.

5 To record more voice memos, repeat steps 2-4.

› Play a voice memo

1 In Menu mode, select **Voice recorder.**

2 Select a voice memo to play.

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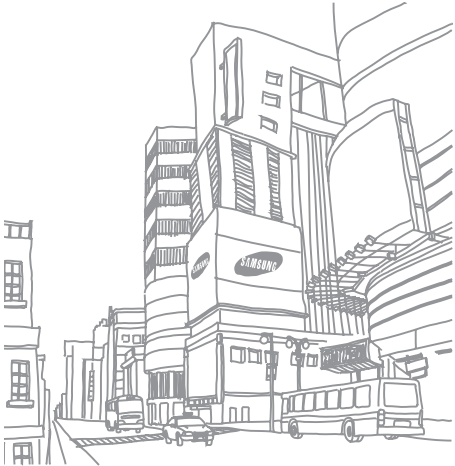
3 Control playback with the following keys:

Number	Function
1	Move to a point in the file by dragging the bar.
2	Pause playback; Select ▶ to resume playback.

You can send the voice memo to others by tapping and holding a voice memo and selecting a sending option.



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Web

Internet

Learn to access and bookmark your favourite web pages.

- You may incur additional charges for accessing the web and downloading media. For details, contact your service provider.
- The web browser menu may be labelled differently depending on your service provider.
- Available icons may vary depending on your region or service provider.

› Set up an internet profile

To access the network and connect to the internet, you must activate a connection profile. In addition to profiles that are preset by your service provider, you can add your own connection profile.

1. In Menu mode, select **Settings** → **Connectivity** → **Network** → **Connections** → **Yes**.
2. Select **Create**.
3. Customize the network settings. ► "Set up an MMS profile" (p. 60)
4. In Menu mode, select **Internet** → ▪▪▪ → **Internet settings** → **Internet profiles**.
5. Select a connection profile → **Set**.

› Browse web pages

1. In Menu mode, select **Internet** to launch the browser and open the preset homepage.

   To access a specific web page, select the URL input field, enter the web address (URL) of the web page, and select **Go**.

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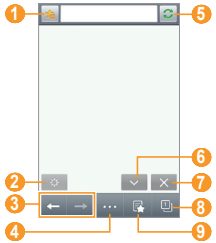
2 Navigate web pages with the following keys:



Number	Function
1	Bookmark the current web page.
2	Set the brightness of the screen.[1]
3	Move backward or forward to web pages in history.
4	Access a list of web browser options.
5	Refresh the current web page.
6	Change the view mode.[1]
7	End the intetnet connection.[1]
8	Open a web page in a new window or switch between the currently opened windows.
9	Open a list of saved bookmarks, frequently visited pages and RSS feeds and recent internet history.

[1] Touch the screen to view these keys

While browsing the web page, use the following options:

- To zoom in, touch the screen with two fingers and spread them apart (move your fingers closer together to zoom out).
- To translate a word, tap and hold the word your want to translate and select **Translate**.

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- To save or send images from websites, select → **Filter images**. Image on websites can be saved to your device or sent to others.

Bookmark your favourite web pages

You can bookmark web pages you frequently visit for quick access. While navigating the web, select to bookmark the current web page.

If you know the web address of the web page, you can manually add a bookmark. To add a bookmark,

1. In Menu mode, select **Internet** → .
2. Select **Add**.
3. Enter a page title and a web address (URL).
4. Select **Save**.

Customize browser settings

1. In Menu mode, select **Internet** → → **Internet settings**.
2. Adjust the following settings to customize your web browser:

Option	Function
Homepage	Enter the web address of the website to use as your homepage.
View mode	Select the normal screen or full screen mode.
Auto save password	Set to automatically save your password.
Internet profile	Select a connection profile to use for web connections.
Cookie options	Set whether or not to accept cookies.

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Option	Function
RSS update	Set the web browser to automatically update subscribed RSS feeds at regular intervals. Activating the auto update feature increase the amount of data downloaded and may incur additional charges.
Server certificates	View the details of certificates.
Preferences	Change display and sound settings for the web browser.
About Internet	Access version and copyright information for the web browser.
Auto delete browsing data	Set to automatically delete data stored while browsing, including history, cache, cookies, saved ID and password.

Option	Function
Clear cache	Clear the cache; The cache is a temporary memory location that saves information from recently accessed web pages.
Delete cookies	Delete cookies saved in the device; Cookies are pieces of personal information sent to a web server while navigating the web.
Delete saved ID/password	Use to manually delete all saved passwords.
Delete database	Set to manually delete all Web databases.

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› Use the RSS reader

Learn to use the RSS reader to receive the latest news and information from your favourite websites.

Add an RSS feed address

1. In Menu mode, select **Internet** → → **RSS feeds**.
2. Select **Add**.
3. Enter the title and web address of an RSS feed and select **Save**.

Update and read RSS feeds

1. In Menu mode, select **Internet** → → **RSS feeds**.
2. Select **Update** → feeds → **Update** → **Yes**.
3. Select an updated feed.

Samsung Apps

Samsung Apps allows you to simply and easily download an abundance of applications to your device. Featuring a wealth of games, news, reference, social networking, widgets, health related applications and more, Samsung Apps gives you instant access to a huge choice of mobile experience.

Your device gets smarter with fully optimized applications from Samsung Apps. Explore amazing applications and make your mobile life even better.

1. In Menu mode, select **Samsung Apps**.
2. Search for and download applications as desired.

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- To use Samsung Apps, your device must be connected to the internet using cellular connection or Wi-Fi.
- You may incur additional charges for accessing the internet and downloading applications.
- If the widget toolbar is full, downloaded widgets will not be automatically added to the widget toolbar. You must remove some widgets from the toolbar and add the new widgets manually.
- The name of **Samsung Apps** may be changed to **My Updates** depending on your region.
- For details, please visit www.samsungapps.com.
- The service may be unavailable depending on your region or service provider.

Synchronize

Learn to synchronize contacts, calendar events, tasks and memos with a web server you have specified.

› Set up a synchronization profile

1. In Menu mode, select **Settings** → **Connectivity** → **Synchronize**.
2. Select **Create** and specify the following profile options:

Option	Function
Profile name	Enter a name for the profile.
Sync category	Select types of data to be synchronized.
Sync type	Set how to synchronize the device and the server.

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Option	Function
Sync server	Enter the web address of the server to synchronize with.
Network profile	Select a connection profile to use for synchronization.

3 When you are finished, select **Save**.

› Start synchronization

1 In Menu mode, select **Settings** → **Connectivity** → **Synchronize**.

2 Select a synchronization profile.

3 Select **Start sync** to start synchronization with the web server you have specified.

Daily briefing

Learn to get weather, finance, news and schedule information for today.

1 In Menu mode, select **Daily briefing**.

2 Scroll left or right to get information.

To customize information displayed on the screen, select .

Community websites

Use Facebook, YouTube and Twitter services.

1 In Menu mode, select **Facebook**, **YouTube** or **Twitter**.

2 Enter your username and password and sign in.

3 Share photos, videos, or messages with friends and family.

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Connectivity

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 10 metres (30 feet) without requiring a physical connection.

You do not need to line up the devices to beam information with Bluetooth. If the devices are within range of one another, you can exchange information between them even if they are located in different rooms.

- Samsung is not responsible for the loss, interception, or misuse of data sent or received via the Bluetooth wireless feature.
- Always ensure that you share and receive data with devices that are trusted and properly secured. If there are obstacles between the devices, the operating distance may be reduced.
- Some devices, especially those that are not tested or approved by Bluetooth SIG, may be incompatible with your device.

› Turn on the Bluetooth wireless feature

1. In Menu mode, select **Settings** → **Connectivity** → **Bluetooth**.

   You can also open the shortcuts panel and select **Bluetooth**.
2. Select the dot on the top right of the screen to turn on the Bluetooth wireless feature.

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3 To allow other devices to locate your phone, select [•••] → **Settings** → **My phone's visibility** → **Always on** → **Save**.

If you selected **Custom**, enter duration that your phone is visible and select **Done**.

Once the Bluetooth wireless feature is active, select [•••] and use the following options:

- To change your phone's name, select **Settings** → **My phone's name**.
- To set limits on allowing others to access your files, select **Settings** → **Secure mode**.
- To check Bluetooth services available on your phone and information about the services, select **Bluetooth services**.

› Find and pair with other Bluetooth-enabled devices

1 In Menu mode, select **Settings** → **Connectivity** → **Bluetooth** → **Search**.

2 Select a device.

3 Enter a PIN for the Bluetooth wireless feature or the other device's Bluetooth PIN, if it has one, and select **Done**. Alternatively, select **Yes** to match the PIN between your phone and the device.

When the owner of the other device enters the same PIN or accepts the connection, pairing is complete. If the pairing is successful, the device will automatically search for available services.

Some devices, especially headsets or hands-free car kits, may have a fixed Bluetooth PIN, such as 0000. If the other device has a PIN, you must enter it.

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Once the [hone is paired with another Bluetooth-enabled device, the device icon will turn green.

Select a paired device and use the following options:

- To browse files on the paired device, select **Browse files**.
- To view the service list of the paired device, select **Service list**.
- To change the paired device name, select **Rename**.
- To allow the paired device to access and browse your files, select **Authorize device**.
- To send your files to the paired device, select **Send My files**.
- To end the connection and delete the paired device, select **Delete**.

Send data using the Bluetooth wireless feature

1. Select a file or item, such as a contact, calendar event, memo, task, or media file, from an appropriate application or **My files**.
2. Select → an option for sending via Bluetooth.
3. Search for and pair with a Bluetooth-enabled device.

Receive data using the Bluetooth wireless feature

1. Enter the PIN for the Bluetooth wireless feature and select **OK** (if necessary).
2. Select **Yes** to confirm that you are willing to receive data from the device (if necessary).

Received data is saved to an application or folder according to its type. For example, a music or sound clip is saved to the sound folder and a contact to the phonebook.

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Print data using the Bluetooth wireless feature

1. Select a file or item, such as a message, calendar event, tasks or image, from an appropriate application or **My files**.
2. Select [•••] → **Print via** → **Bluetooth**, or select [•••] → **Print via Bluetooth**.
3. Search for and pair with a Bluetooth-enabled printer.
4. When connected to the printer, customize print options and print the data.

Use Remote SIM mode

In Remote SIM mode, you can make or answer calls only with a connected Bluetooth hands-free car kit via the SIM card on your device. To activate Remote SIM mode,

1. In Menu mode, select **Settings** → **Connectivity** → **Bluetooth**.
2. Select [•••] → **Settings** → **Remote SIM mode**.

To use Remote SIM mode, start the Bluetooth connection from a Bluetooth hands-free car kit.

You must authorize the Bluetooth hands-free car kit.

Wi-Fi

Learn to use your device's wireless networking capabilities to activate and connect to any wireless local area network (WLAN) compatible with the IEEE 802.11 b/g/n standards.

You can connect to the internet or other network devices anywhere an access point or wireless hotspot is available.

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Activate the WLAN feature

In Menu mode, select **Settings** → **Connectivity** → **Wi-Fi**. You can also open the shortcuts panel and select **Wi-Fi**.

An active WLAN running in the background will consume battery power. To preserve battery power, activate the WLAN only when needed.

Find and connect to a WLAN

1. In Menu mode, select **Settings** → **Connectivity** → **Wi-Fi**.
   The device will automatically search for available WLANs.
2. Select the check box next to a network.
3. Enter a password for the network and select **OK** (if necessary).

Customize the connection profile

1. In Menu mode, select **Settings** → **Connectivity** → **Wi-Fi**.
2. Select the required WLAN AP.
   The current connection profile for the network appears.
3. Customize the connection profile of the selected WLAN:

Option	Function
Name	View the name of the profile.
Security type	View the security type of the WLAN AP.
IP address	View your IP address of the WLAN AP.
IP address type	Customize IP and DNS addresses.

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Option	Function
Proxy address and port	Enter the address and port number of the proxy server.
AP MAC	View the Mac address of the WLAN AP.

4 When you are finished, select **Back**.

› Connect to a WLAN using a Wi-Fi Protected Setup (WPS)

1 In Menu mode, select **Settings** → **Connectivity** → **Wi-Fi**.

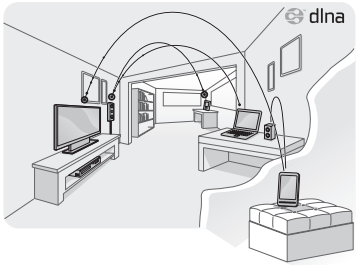
2 Select **WPS PBC** or **WPS PIN** depending on the AP device type.

3 Press the WPS button on the AP device within 2 minutes.

Or, enter a PIN on the AP device and select **Start** within 2 minutes.

AllShare

Learn to use the Digital Living Network Alliance (DLNA) service that enables you to share media files between DLNA-enabled devices in your home over a WLAN.



You must first activate the WLAN feature and add a WLAN profile. ►p. 109

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Customize DLNA settings for sharing media files

To allow other DLNA-enabled devices to access media files on your device, you must activate media sharing.

1. In Menu mode, select **Settings** → **Connectivity** → **AllShare** → **Settings**.
2. Adjust the following settings to customize the DLNA feature:

Option	Function
Media server name	Enter a name for your device as a media server.
Sharing video	Turn on video sharing with other DLNA-enabled devices.
Sharing image	Turn on image sharing with other DLNA-enabled devices.
Sharing music	Turn on music sharing with other DLNA-enabled devices.
Access point network	Select a connection profile to use for DLNA connections.
Default memory	Select the default memory location for sharing your media files.

3. When you are finished, select **Save** → **Yes**.

Play your files on another DLNA-enabled device

1. In Menu mode, select **Settings** → **Connectivity** → **AllShare**.
2. Select next to **Play file from my phone on another player**.
3. Select a media category → a file.
4. Select a player to play the media file. Playback begins at the selected player.

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5 Control playback using icons on your device.

Playback may be buffered, depending on the network connection and the connected server.

Play others' files on your device

1 In Menu mode, select **Settings** → **Connectivity** → **AllShare**.

2 Select next to **Play file from server on my phone**.
Your device automatically searches for DLNA-enabled devices.

3 Select a device as the media server— one that contains media files.

4 Select a media category and a file.

5 Control playback using icons of your device.

Play files of one device on the other device

1 In Menu mode, select **Settings** → **Connectivity** → **AllShare**.

2 Select next to **Play file from server on another player via my phone**.
Your device automatically searches for DLNA-enabled devices.

3 Select a device as the media server— one that contains media files.

4 Select a media category and a file.

5 Select a player to play the media file.
Playback begins at the selected player.

6 Control playback using icons on your device.

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Mobile AP

Learn about the Mobile AP feature, which sets your device as an wireless AP (Access Point) to connect to the internet on other network devices.

1. In Menu mode, select **Settings** → **Connectivity** → **Mobile AP**.
2. Select **Mobile AP** on the top to activate the Mobile AP feature.
3. Select **Settings** to customize the Mobile AP feature:

Option	Function
Name	View and edit the device name that will be shown to external devices.
Password	View or edit the network key to prevent unauthorized access to the network.
Hide my device	Block other devices from locating your device.
Tethering	Activate or deactivate the tethering function to use your mobile device as a wireless modem for another device.

4. When you are finished, select **Back**.
5. From another device, locate your device's name in the available connection list and connect to the network by entering the appropriate password in the WPA field.

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GPS

Your device is equipped with a global positioning system (GPS) receiver. Learn to use navigation and positioning services with GPS.

› Launch the Samsung mobile navigator

Learn about the Samsung mobile navigator that gives you road guides and information about your location and trip distance.

This feature may be unavailable depending on your region or service provider.

To use the Samsung mobile navigator, in Menu mode, select **Navigation**. For details, refer to the quick start guide of the Samsung mobile navigator.

Visit http://www.66.com/samsung for details.

While using the navigation application, do not remove the memory card from your device.

› View your location

Learn to determine the latitude, longitude, and altitude of your current position using the GPS.

1. In Menu mode, select **Settings** → **Connectivity** → **Location**.
2. Select the dot next to **Enable location services**.
3. Select **My position** to view your location.

› Update the GPS functionality

Learn to enhance the GPS functionality by downloading GPS data files. You can improve the speed and accuracy of your device's positioning capability.

In Menu mode, select **Settings** → **Connectivity** → **Location** → **Advanced GPS**.

When you access an application using GPS, GPS data files are automatically downloaded.

To avoid additional charges for unnecessary network connections, deactivate the feature.

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TV connections (TV out mode)

Learn to connect your device to a TV and view the device's interface on the TV screen.

1 In Menu mode, select **Settings** → **Connectivity** → **TV out**.

2 Select a video encoding system according to your region.

Option	Region
PAL	Australia, Austria, Belgium, China, Denmark, England, Finland, Germany, Italy, Kuwait, Malaysia, Netherlands, New Zealand, Norway, Singapore, Spain, Sweden, Switzerland, Thailand
NTSC	Canada, Japan, Korea, Mexico, Taiwan, USA

3 Select **Set**.

4 Ensure that the TV is on and connect your device to the TV with a TV out cable.

Match the colours at the ends of the TV out cable with those on the TV's A/V ports.

5 Switch the TV to External input mode.

The device interface appears on the TV screen.

- Your files may not display correctly due to differences in video systems or quality of the TV display.
- The Bluetooth stereo headset and zoom features will not work in TV out mode.

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PC connections

Learn to connect your device to a PC with the supplied PC data cable in various USB connection modes. By connecting the device to a PC, you can synchronize files with Windows Media Player, transfer data to and from your device directly, use the Samsung Kies program, and use your device as a wireless modem for a PC.

› Connect with Samsung Kies

Ensure that Samsung Kies is installed on your PC. You can download the program from the Samsung website (www.samsung.com/mobile).

1. In Menu mode, select **Settings** → **Connectivity** → **USB** → **Samsung Kies** → **Set**.
2. Press [ ] to return to Idle mode.
3. Using an optional PC data cable, connect the multifunction jack on your device to a PC.
4. Run Samsung Kies and use wireless connections or copy data and files.

   Refer to the Samsung Kies help for more information.

› Synchronize with Windows Media Player

Ensure that Windows Media Player is installed on your PC.

1. In Menu mode, select **Settings** → **Connectivity** → **USB** → **Media player** → **Set**.
2. Press [ ] to return to Idle mode.
3. Press and hold the menu key to open the list of open applications and select **End all applications**.
4. Using an optional PC data cable, connect the multifunction jack on your device to a PC with Windows Media Player installed.

   When connected, a pop-up window will appear on the PC.

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5 Open Windows Media Player to synchronize music files.

6 Edit or enter your device's name in the pop-up window (if necessary).

7 Select and drag the music files you want to the sync list.

8 Start synchronization.

› Connect as a mass storage device

You can connect your device to a PC as a removable disk and access the file directory. If you insert a memory card in the device, you can also access the file directory of the memory card by using the device as a memory card reader.

1 If you want to transfer files from or to a memory card, insert a memory card into the device.

2 In Menu mode, select **Settings** → **Connectivity** → **USB** → **Mass storage** → **Set**.

3 Press [ ] to return to Idle mode.

4 Using an optional PC data cable, connect the multifunction jack on your device to a PC.

When connected, a pop-up window will appear on the PC.

5 You can open folders, view files and transfer files between the phone and PC the same way you access any external storage drive.

To disconnect the device from the PC, click the USB device icon on the Windows task bar and click the option to safely remove the mass storage device. Then remove the PC data cable from the PC. Otherwise, you may lose or damage your data.

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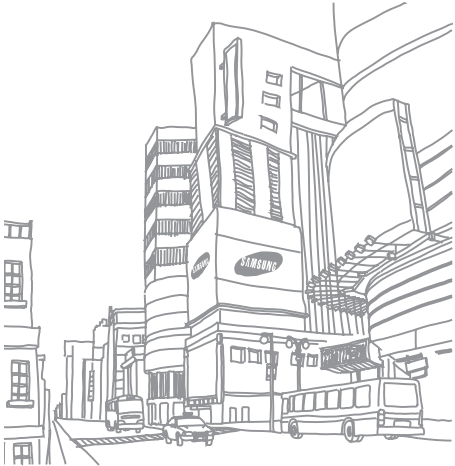
Use your device as a wireless modem

You can use your device as a modem for a PC to access the internet via your mobile network service.

1. In Menu mode, select **Settings** → **Connectivity** → **USB** → **PC Internet** → **Set**.
2. Using an optional PC data cable, connect the multifunction jack on your device to a PC.
3. Create a modem connection on your PC.
   How you create a modem connection may differ depending on the operating system of the PC.
4. Select the created modem connection and enter an ID and password provided by your service provider.



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Tools

Clock

Learn to set and control alarms and world clocks. You can also use the stopwatch and count-down timer.

› Set a new alarm

1. In Menu mode, select **Clock** → .
2. Select **Create**.
3. Set alarm details.
4. When you are finished, select **Save**.

Select [•••] → **Auto power-up setting** to turn on the auto power-up feature. The auto power-up feature sets the device to automatically turn on and sound the alarm at the designated time when the device is turned off.

› Stop an alarm

When the alarm sounds,

- Select **Stop** stop the alarm.
- Select **Snooze** to silence the alarm for the snooze period.

› Delete an alarm

1. In Menu mode, select **Clock** → .
2. Select [•••] → **Delete**.
3. Select the alarm you want to delete and select **Delete**.

› Create a world clock

1. In Menu mode, select **Clock** → .
2. Select **Add**.
3. Select the text input field and enter the few letters of a city name.

   To select a city in the world map view, select **Map view**.

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4 Select the city name you want.

5 To add more world clocks, repeat steps 2-4.

To apply daylight savings time to the world clock, select [•••] → **DST settings** and select the icon at the right side of the clock..

› Use the stopwatch

1 In Menu mode, select **Clock** → .

2 Select **Start** to begin the stopwatch.

3 Select **Lap** to record lap times.

4 When you are finished, select **Stop**.

5 Select **Reset** to clear recorded times.

› Use the count-down timer

1 In Menu mode, select **Clock** → .

2 Set the length of time to count down.

3 Select **Start** to begin the countdown.

You can now use other functions with the timer counting down in the background. Press the Menu key and access another application.

4 When the timer expires, press and hold **Stop** to stop the alert.

Calculator

Learn to perform mathematical calculations directly on your device like a typical hand-held or desktop calculator.

1 In Menu mode, select **Calculator**.

2 Use the keys that correspond to the calculator display to perform basic mathematical operations.

3 Rotate the device counter-clockwise to landscape view to use the scientific calculator.

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Mini diary

Use Mini diary to keep a photo diary.

› Create a mini diary

1. In Menu mode, select **Mini diary**.
2. Select **Create** to create a new entry.
3. Change the date and set the weather (if necessary).
4. Select the photo frame and add an image or capture a photo.
5. Select the text input field, and enter text and select **Done**.
6. Select **Save**.

› View a mini diary

1. In Menu mode, select **Mini diary**.
2. Select a diary.

My files

Learn to quickly and easily access all of your images, videos, music, sound clips, and other types of files stored on the device or a memory card.

› Supported file formats

Your device supports the following file formats:

Type	Supported format
Image	JPEG, GIF, AGIF, BMP, PNG, TIF, WBMP
Video	mp4, 3gp, wmv, asf, avi, mkv, divx, xvid
Music	mp3, 3ga, aac, m4a, wma

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Type	Supported format
Sound	wav, mmf, xmf, imy, midi, amr
Themes	thm
Others	doc, docx, pdf, ppt, pptx, txt, xls, xlsx, htm, html, vbm, vcf, vcs, vnt, jad, jar, crt, der

View a file

1. In Menu mode, select **My files** → a file type.
   Folders or files on the memory card are indicated by a memory card icon.
2. Select a folder → a file.
   - In **Images**, you can view photos you have captured and images you have downloaded or received from other sources.
   - In **Videos**, you can play videos you have captured and videos you have downloaded or received from other sources.
   - In **Sounds**, you can play all ringtones, music files, and sound clips you have recorded and downloaded, including voice memos and FM radio clips.
   - In **Themes**, you can save photos or ringtones for your display.
   - In **Others**, you can view supported documents and data files, and store unsupported files.

In a folder, select [•••] to use the following options:

- To search for files stored on your device, select **Search**.
- To copy or move the files to another file folder, select **Copy** or **Move**.
- To delete the files, select **Delete**.
- To change the name of a file, select **Rename**.
- To view the files in thumbnail view, select **Thumbnail view**.
- To sort files as desired, select **List by**.
- To send a file via Bluetooth, select **Send via Bluetooth**.
- To set Bluetooth visibility for files, select **Bluetooth visibility**.

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- To protect the files from accidental deletion, select **Protection**.
- To restore backed-up messages to the Messages application, select **Restore**.

› Print an image

You can print your jpg images via a USB or Bluetooth wireless connection. You can also send the images via message, email, or Bluetooth.

Print an image using a USB connection

1. Connect your device to a PictBridge-enabled printer using a PC data cable.
2. In Menu mode, select **My files** → **Images** → an image.
3. Select [•••] → **Print via** → **USB**.
4. Set print options and print the image.

Print an image using the Bluetooth wireless feature

1. In Menu mode, select **My files** → **Images** → an image.
2. Select [•••] → **Print via** → **Bluetooth**.

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3 Select a Bluetooth-enabled printer and pair with the printer. ►p. 108

4 Set print options and print the image.

› Set an image as your wallpaper

You can set your photos or images as a background image for the idle screen.

1 In Menu mode, select **My files** → **Images** → an image.

2 Select [•••] → **Set as** → **Wallpaper**.

› Set a sound clip as your ringtone

You can set any music or sound clips in the sound folder as ringtones for incoming calls or alarm tones.

1 In Menu mode, select **My files** → **Sounds** → a sound clip.

2 During playback, select [▲] → **Set as** → an option.

› Edit an image

Edit images and apply fun effects.

Adjust an image

1 In Menu mode, select **My files** → **Images** → an image.

2 Select [•••] → **Edit**.

3 Rotate the device counter-clockwise to landscape view.

The image editor interface appears only in the landscape orientation.

4 Select **Adjust** → an adjustment option (brightness and contrast or colour).

To adjust the image automatically, select **Auto level**.

5 Adjust the image as desired and select **Apply**.

6 When you are finished, select **Save**.

7 Select a memory location (if necessary).

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8 If necessary, change the file name for the image and select **Done**.

Apply effects to images

1 Open an image to edit.

2 Select **Effects** → an effect option (filter, style, warp, or partial blur).

3 Select a variation of the effect to apply and select **Apply**.

To apply a blur effect to a specific area of an image, select **Partial blur**, move or resize the rectangle and select **Apply**.

4 Save the edited image with a new file name.

Transform an image

1 Open an image to edit.

2 Select **Transform** → a transforming option (resize, rotate or crop).

3 Transform the image as desired.

- To resize the image, move the scroll bar to a size and select **Save**.
- To rotate or flip the image, select an orientation → **Apply**.
- To crop the image, move or resize the rectangle and select **Apply**.

4 Save the edited image with a new file name.

Insert a visual feature

1 Open an image to edit.

2 Select **Insert** → a visual feature type (text or clip art).

3 Enter text and select **Done** or select a clip art image.

4 Move or resize the clip art or text and select **Apply**.

5 Save the edited image with a new file name.

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Create a video

Combine images and sounds into a video file.

Make a new video

1. In Menu mode, select **My files** → **Images** → an image.
2. Select → **Create movie**.
3. Rotate the device counter-clockwise to landscape view.

   Video editor interface appears only in the landscape orientation.
4. Select → **Add scene**.
5. Select an image or video category → an image or video and select **Add**.
6. To add more images or videos, select → **Add scene** and repeat step 5.

   To select the duration that an image displays, select the image → **Duration**.

   To add text between images or videos, select → **Add text**.
7. Enter the text you want and select **Done**.
8. Move or resize the added text and select **Done**.

   To change the text attribute or colour, select → **Edit text**.
9. Select **Tap here to add background music** → a sound category. To select a sound file, touch the blank space at the right side of the file name. Select **Add**.
10. Select to add a transition effect between images or videos.
11. When you are finished, select **Make movie**.
12. Enter a new file name for the video and select **Done**.
13. To preview the file, select **Yes** (if necessary).

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Trim a segment of a video

1. Import a video.
2. Select a video → **Trim**.
3. Select ▶ to start playback.
4. Move A to the point where you want the new video to begin.
5. Move B to the point where you want the new video to end.
6. Select **Done**.
7. Save the edited video with a new file name.

Split a video

1. Import a video.
2. Select a video → **Split**.
3. Select ▶ to start playback.
4. Move A to the point where you want to divide the file into two clips.
5. Select **Done**.
6. Insert a transition effect between the clips.
7. Save the edited video with a new file name.

Apply an effect to a video

1. Import a video.
2. Select a video → **Effects**.
3. Select an effect option → **Done**.
4. Save the edited video with a new file name.

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Add caption to a video

1. Import a video.
2. Select a video → **Add caption**.
3. Select ▶ to start playback.
4. Move A to the point where you want the text to be displayed.
5. Move B to the point where you want the text to be disappeared.
6. Select **Done**.
7. Edit the text you want and select **Done**.
8. Move or resize the added text and select **Done**.
   To change the text attribute or colour, select ••• .
9. Save the edited video with a new file name.

Smart search

Learn to search for data stored on your device or on the web.

› Search for files or data in the device

1. In Menu mode, select **Smart search** → **Phone**.
2. Select the text input field.
3. Enter a keyword and select 🔍 to update the search results.
4. Select the data you want to access.

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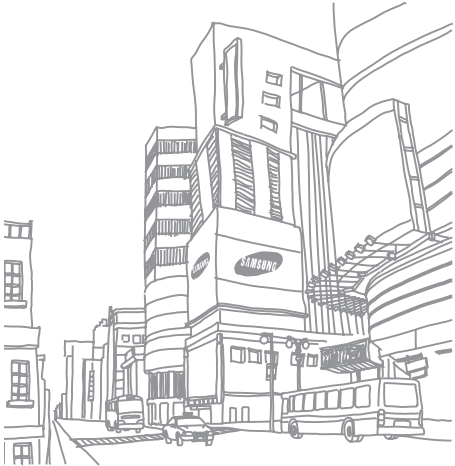
Search on the web

1. In Menu mode, select **Smart search** → **Internet**.
2. Select the text input field.
3. Enter a keyword and tap .
4. Select the web page you want to access.



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Settings

Access the Settings menu

1. In Menu mode, select **Settings**.
2. Select a setting category and select an option.
3. Customize the setting and select **Back** or **Done**.

Flight mode

Flight mode disables all wireless functions on your device. You can use only non-network services.

Connectivity

- **Bluetooth**: Activate the Bluetooth feature to exchange information over a distance. ►p. 105
- **Wi-Fi**: Activate the WLAN feature to connect to the internet or other network devices. ►p. 109
- **Mobile AP**: Activate the mobile AP feature to use your device as an AP (Access Point). ►p. 113
- **AllShare**: Activate the DLNA service to share media files between DLNA devices. ►p. 110
- **Synchronize**: Set up a synchronization profile. ►p. 103
- **Location**: Customize the settings related to GPS connections. ►p. 114
  - **Enable location services**: Activate this feature to locate your position via GPS.
  - **Advanced GPS**: Set to improve your GPS reception.
  - **Enable network position**: Helps find your location using network signals.
  - **Enable sensor aiding**: Enhances positioning performance using pedestrian sensors.

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- **My position**: View the details of your position.
- **Profiles**: Select a connection profile to use for GPS.

• **Network**: Access or alter the following settings to control how your device selects and connects to networks.
- **Select network**: Set the network selection method to automatic or manual.
- **Network mode**: Select a network band.
- **Connections**: Set up connection profiles to use for network features.
- **Certificates**: View certificates required for network services.

• **Data roaming**: Set to use data services when you are roaming.

• **Use packet data:** Choose whether to send and receive packet data

• **Packet data counter**: View the amount of data you have sent or received.

• **USB**: Set a USB mode to be activated when you connect the device to a PC. ►p. 116

• **TV out**: Select the video encoding system of your TV for proper TV connections. ►p. 115

Sound profiles

Select a sound profile to use or customize sound options in profiles as desired.

To customize a profile, select a category and customize the following sound options:

• **Call**:
- **Alert type**: Select how the device will alert you to incoming calls.
- **Ringtone**: Select a ringtone to use if you set the device to alert you to incoming calls by playing a melody.
- **Alert vibration**: Using the slider, adjust the vibration level.
- **Volume:** Using the slider, adjust the volume level.

• **Message and email**:
- **Alert type**: Select how the device will alert you to

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incoming messages.

- **Alert tone**: Select a ringtone to use if you set the device to alert you to incoming messages by playing a melody
- **Volume:** Using the slider, adjust the volume level for the message ringtone.

- **System**: Adjust the volume level for system sounds.

Display and light

Access and alter the following settings to control the display and usage of the light on your device.

- **Wallpaper**: Select a background image for the idle screen.
- **Theme**: Select a theme for the background.
- **Font type**: Select a font style.
- **Brightness**: Set the brightness of the display.
- **Backlight time**: Set the length of time the device waits before turning off the display's backlight.

General

Access and alter the following settings to control general settings for your device:

- **Display language**: Select a language to use on the device's display.
- **Keyboard language**: Select an input language.
- **Gestures**: Access and alter the following settings to control motion recognition of your device:
  - **Double tapping (Shortcuts)**: Select an application to launch by tapping the device twice quickly when it is in Idle mode.

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- **Orientation**: Activate an application by rotating or tilting the device.
- **Overturning (Etiquette pause)**: Activate the etiquette pause feature that allows you to mute all device sounds by placing the device face down.
- **Putting down (Speaker call)**: Activate the motion speakerphone feature that allows you to activate the speaker by placing the device on a flat surface during a call.

• **Touch**: Adjust vibration feedback, auto-lock, and backlight settings (activated by tapping the screen).
- **Vibration feedback**: Adjust the intensity of the vibration.
- **Touch panel auto-lock**: Set the device to automatically lock the touch screen.
- **Backlight on**: Select to turn on the backlight with the Lock key or with any key.

• **License**: Customize the settings related to license keys, such as tracking, expiry reminder, and roaming network.

• **Events notifications**: Activate or deactivate an alert for incoming instant, text, multimedia or voice messages, and when transferring files. You can also choose to display incoming message contents.

Date and time

Access and alter the following settings to control how time and date are displayed on your device:

• **Time zone**: Set your home time zone.

• **Date and time**: Set the current date and time manually.

• **Time format**: Select a time format.

• **Date format**: Select a date format.

• **Automatic time update**: Automatically update the time when you move across time zones.

• **DST**: Activate or deactivate Daylight Savings Time.

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Menu and widgets

- **Adaptive menu order**: Set the icons on the main menu screen to change locations automatically.
- **Widget**:
  - **Widget profiles**: Select a connection profile to use for downloading widgets.
  - **Downloaded widgets**: View a list of downloaded widgets.
  - **Disclaimer**—Displays the widget usage disclaimer.

Note—Some Widgets connect to web services. Using Web-based Widgets can cause network activation and incur additional charges for data traffic.

Applications

Access and alter the following settings to control your device's applications:

› Call

Customize the settings for calling features:

- **All calls**:
  - **Show my number**: Show your mobile phone number to recipients (You must insert the SIM card to use this feature).
  - **Auto reject**: Enable or disable the auto reject feature and specify a list of callers to automatically reject.
  - **Prefix dialling**: Set a prefix number for calls dialed.
  - **Reject call with message**: Select a message to be sent to a caller when you reject a call.
  - **Answering mode**: Set how to answer calls— either by pressing [ ] or by pressing any key—or set the device to answer automatically after a specified period (available only when a headset is connected).

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- **Call status tones**: Activate or deactivate connection, minute minder, or call disconnect tones.
- **Alerts on call**: Activate or deactivate alerts during a call.

• **Voice call**:
- **Call forwarding**: Divert incoming calls to another number.
- **Call barring**: Block various kinds of incoming or outgoing calls.
- **Call waiting**: Specify options for handling an incoming call when you are already on a call.
- **Auto redial**: Set whether or not to automatically redial a call that was disconnected.

• **Video call**:
- **Preset image**: Select an image to be shown to the other party.
- **Own video in received call**: Set whether to show your live image or preset image to the other party.
- **Use call fail options**: Select whether or not to retry a voice call when a video call fails to connect.
- **Main display**: Select an image to be displayed on the main display.
- **Main display size**: Set the size of the main display.
- **Call forwarding**: Divert incoming calls to another number.
- **Call barring**: Block calls from specified numbers.
- **Auto redial**: Set whether or not to automatically redial a call that was disconnected.

• **Fake call**: Customize the settings for fake calls. ►p. 55

› Messages

Customize the settings for messaging features.

• **General settings**:
- **Keep a copy**: Set whether or not to save a copy of messages.
- **Delete by folder**: Select a message folder to delete.
- **Auto delete**: Set whether or not to delete messages automatically.

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- **Block messages**: Block messages from specified addresses and messages that contain specified subjects.
- **Alert tone**: Set how often the device will alert you of new messages.

• **Text messages**:
- **Character support**: Select a character encoding type. Using Unicode encoding will reduce the maximum number of characters in a message to about half.
- **Reply path**: Allow recipients to reply to you through your text message server.
- **Request delivery report**: Set the network to inform you when your messages are delivered.
- **Service center**: Enter the service center address for text messages.
- **Save to:** Save messages to SIM or phone.

• **Multimedia messages**:
- **Sending options**:
  Priority: Set the priority level of your messages.
  Expiration: Set how long your messages are stored in the multimedia message server.
  Delivery time: Set a time delay before your messages are sent.
  Request delivery report: Send a request for a delivery report along with your message to be informed when your messages are delivered.
  Request read report: Send a request for a read report along with your messages to be informed when your messages are read.
  Add my namecard: Set whether or not to add your namecard to your outgoing messages.
- **Receiving options:**
  Home network: Set Auto download, Manual or Reject (may not be available, depending on your service provider).
  Foreign network: Set Auto download, Manual, Restricted or Reject (may not be available, depending on your service provider).
  Download type: Set Auto download, Manual or Reject

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(may not be available, depending on your service provider).

Send delivery report: Set the network to inform you when your messages are delivered.

Send read report: Set the network to inform senders when you read messages.

Allow anonymous: Set whether or not to receive messages from unknown senders.

Allow advertisement: Set whether or not to accept advertisement messages.

- **Multimedia message profiles**: Select a connection profile to use for sending or receiving messages.
- **Message size**: Select a maximum size allowed for messages. Available message size may vary depending on your region.
- **Auto resize image**: Set whether or not to resize large images added to multimedia messages.
- **Creation mode**: Select a mode for creating multimedia messages. You can select to create messages with any type of content and of any size or to receive alert messages about content type or size.
- **Default style**: Set the default message attributes, such as font style, background color and page duration.

- **Push messages**:
  - **Receiving options**: Set whether or not to receive messages pushed from web servers.
  - **Service loading**: Set whether or not to access the linked service web page when you open a push message.
- **Broadcast messages**:
  - **Activation**: Activate or deactivate the broadcast message feature.
  - **Receiving channels**: Set whether to receive messages from all channels or my channels.
  - **My channels**: Save your favourite channels.
  - **Language**: Select the languages of broadcast messages.
- **Voice mail number**: Enter the name and centre address for the voice mail.
- **SOS messages**: Set SOS messages in case of an emergency. ►p. 64

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Email

- **Email accounts**: View, set up, or delete email accounts.
- **Sending options**:
  - **Default account**: Select a default email account.
    From: Enter your email address as the sender's address.
    Priority: Set the priority level of your messages.
    Keep a copy: Set whether or not to save a copy of sent messages in the server.
    Reply with body: Set whether or not to include an original message when you reply to a message.
    Forward with files: Set whether or not to include attachments when you forward a message.
    Get read report: Phone requests a reply when message is read.
    Get delivery report: Network informs you whether or not your message has been delivered
    Add my namecard: Sends your Namecard information with messages.
    Always CC myself: Set whether or not to include your email address to all your outgoing messages.
    Add signature: Set whether or not to add your signature to your outgoing messages.
    Signature: Enter your signature.
- **Receiving options**:
  Email size: Select a maximum size allowed for messages.
  Send read report: Selects whether you are notified when email is received at the selected account.
  Load remote images: Select whether to automatically download remote images.
- **Deleting options**:
  Phone only: Delete messages only from the phone; leave messages on the server.
  Phone and server: Delete messages from the phone and the server.
- **Block emails**: Lets you block emails by address or by subject.
- **Email profiles**: Select a connection profile to use for sending or receiving messages.

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Contacts

Customize the settings for the contact list.

- **Memory in use**:
  View contacts from: Set where the phone reads saved contact information.
  Save new contacts to: Set where to save new contacts.
- **Order of display name**: Set the order in which first and last names are displayed .
- **Own numbers**: Store and manage your own numbers.
- **Service numbers**: Store and manage service numbers.

Calendar

Customize the settings for the calendar.

- **Calendars**: Select a default calendar.
- **Calendar sync**: Synchronize a web calendar with your device's calendar. ►p. 103
- **View by**: Set the default calendar view (month or day).
- **Starting day**: Set which day should begin the week (Sunday or Monday).

Internet

Adjust settings to customize your web browser.

- ► p. 100

Media player

Customize the settings for the music player and video player.

- **Music player settings**: Set the music player options. ► p. 86
- **VOD settings**: Select a network connection profile to use for playing Video-On-Demand (VOD) content.

Samsung Apps

The name of **Samsung Apps** may be changed to **My Updates** depending on your region.

- **Update notification**: Select a network connection (Wi-Fi

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or packet switched data network) to get application update notification from Samsung Apps.

- **Network profiles**: Select a network connection profile to use Samsung Apps or download applications from Samsung Apps.

› Photo upload settings

- **Upload details**: View details of your last upload.
- **Blog lists**: Update the list of websites or blogs.
- **Photo upload profiles**: Select a connection profile to use for uploading the photos.
- **Disclaimer**: View the general disclaimer.

› Social network profiles

Selects source for for data connectivity APN. Do not change unless instructed to do so by your service pro

› Installation settings

- **Default installation location**: Select the default memory location to install new applications.

Security

Access and alter the following settings to secure your device and data:

- **Phone lock**: Activate or deactivate the phone lock feature to require a device password before using the device.
- **Privacy lock**: Make various types of data private; To access private data, you must enter your device password.
- **Mobile tracker**: Activate or deactivate the mobile tracker feature which helps you locate your device when it is lost or stolen. ►p. 46
- **Change password**: Change the device password.
- **SIM lock**: Activate or deactivate the SIM lock feature to require the SIM password when you change the SIM card.
- **PIN lock**: Activate or deactivate the PIN lock feature to

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require the PIN before using the device.

- **Change PIN**: Change the PIN used to access SIM data.
- **Fixed dialling mode**: Activate or deactivate FDN mode to restrict calls to phone numbers in the FDN list.
- **Change PIN2**: Change the PIN2, which is used to protect the primary PIN.

Memory

Access and alter the following settings to control your device's memory use:

- **Memory card details**: Access details about your memory card. You can also format the memory card or change the memory card's name.

  Formatting a memory card will permanently erase all data from the card.

- **Default memory**: Select the default memory location to use for saving various types of files.
- **Memory status**: View the used and available memory for various types of files.
- **Clear phone memory**: Erase the selected data from your device's memory.

Reset

Reset various settings to the factory default values. Select settings to reset. You must enter your device password to reset the settings.

About phone

- **System info**: Check the available battery power and CPU usage You can also see the model number and software version of your phone, and MAC addresses of Bluetooth and Wi-Fi.
- **DivX(R) VOD**: To play DivX video files, you need to register your device at the DivX website.
- **Open source licenses**: Check the licenses for open source software used in the phone.

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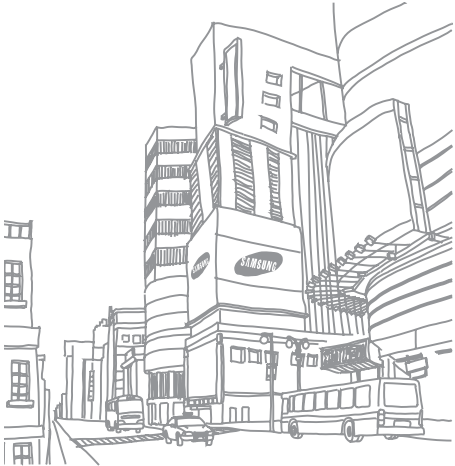
SIM applications

Use a variety of additional services offered by your service provider. Depending on your SIM card, this menu may not be available or labelled differently.



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Troubleshooting

When you turn on your device or while you are using the device, it prompts you to enter one of the following codes:

Code	Try this to solve the problem:
Password	When the device lock feature is enabled, you must enter the password you set for the device.
PIN	When using the device for the first time or when the PIN requirement is enabled, you must enter the PIN supplied with the SIM card. You can disable this feature using the **PIN lock** menu.
PUK	Your SIM or USIM card is blocked, usually as a result of entering your PIN incorrectly several times. You must enter the PUK supplied by your service provider.
PIN2	When you access a menu requiring the PIN2, you must enter the PIN2 supplied with the SIM or USIM card. For details, contact your service provider.

Your device displays "Service unavailable" or "Network error"

- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.
- You cannot access some options without a subscription. Contact your service provider for more details.

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The touch screen responds slowly or improperly

If the touch screen is not responding properly, try the following:

- Remove any protective covers from the touch screen. Protective covers may prevent the device from recognizing your inputs and are not recommended for touch screen devices.
- Ensure that your hands are clean and dry when tapping the touch screen and tap the icons with your fingertip.
- Restart your device to clear any temporary software bugs.
- Ensure that your device software is upgraded to the latest version.
- If the touch screen is scratched or damaged, take it to your local Samsung Service Centre.

Calls are being dropped

When you are in areas with weak signals or poor reception, you may lose your connection to the network. Move to another area and try again.

Outgoing calls are not connected

- Ensure that you have pressed the Dial key.
- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the phone number you are dialling.

Incoming calls are not connected

- Ensure that your device is turned on.
- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the incoming phone number.

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Others cannot hear you speaking on a call

- Ensure that you are not covering the built-in microphone.
- Ensure that the microphone is close to your mouth.
- If using a headset, ensure that it is properly connected.

Audio quality is poor

- Ensure that you are not blocking the device's internal antenna.
- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.

When dialing from contacts, the call is not connected

- Ensure that the correct number is stored in the contact list.
- Re-enter and save the number, if necessary.
- Ensure that you have not set call barring for the contact's phone number.

The device beeps and the battery icon flashes

Your battery is low. Recharge or replace the battery to continue using the device.

The battery does not charge properly or the device turns off

- The battery terminals may be dirty. Wipe both sets of gold-coloured contacts with a clean, soft cloth and try charging the battery again.
- If the battery will no longer charge completely, dispose of the old battery and replace it with a new battery (refer to your local ordinances for proper disposal instructions).

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Your device is hot to the touch

When you use applications that require more power or use applications on your device for an extended period of time, your device may feel hot to the touch. This is normal and should not affect your device's lifespan or performance.

Error messages appear when launching the camera

Your Samsung mobile device must have sufficient available memory and battery power to operate the camera application. If you receive error messages when launching the camera, try the following:

- Charge the battery or replace it with a battery that is fully charged.
- Free some memory by transferring files to a PC or deleting files from your device.
- Restart the device. If you are still having trouble with the camera application after trying these tips, contact a Samsung Service Centre.

Error messages appear when launching the FM radio

The FM radio application on your Samsung mobile device uses the headset cable as an antenna. Without a headset connected, the FM radio will be unable to receive radio stations. To use the FM radio, first ensure that the headset is properly connected. Next, scan for and save the available radio stations.

If you still cannot use the FM radio after performing these steps, try accessing your desired station with another radio receiver. If you can hear the station with another receiver, your device may require service. Contact a Samsung Service Centre.

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Error messages appear when opening music files

Some music files may not play on your Samsung mobile device for a variety of reasons. If you receive error messages when opening music files on your device, try the following:

- Free some memory by transferring files to a PC or deleting files from your device.
- Ensure that the music file is not Digital Rights Management (DRM)-protected. If the file is DRM-protected, ensure that you have the appropriate licence or key to play the file.
- Ensure that your device supports the file type.

Another Bluetooth device is not located

- Ensure that the Bluetooth wireless feature is activated on your device.
- Ensure that the Bluetooth wireless feature is activated on the device you wish to connect to, if necessary.
- Ensure that your device and the other Bluetooth device are within the maximum Bluetooth range (10 metres/ 30 feet).

If the tips above do not solve the problem, contact a Samsung Service Centre.

A connection is not established when you connect the device to a PC

- Ensure that the PC data cable you are using is compatible with your device.
- Ensure that you have the proper drivers installed and updated on your PC.

Your device freezes or has fatal errors

If your device freezes or hangs, you may need to close programs or reset the device to regain functionality. If your device is still responsive but a program is frozen, close the program using the task manager. If your device is frozen and unresponsive, press the Volume key up and [ ] simultaneously to reset the device.

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Safety and usage information

This safety and usage information should be followed to safely use your device.

Safety warnings

Keep your device away from small children and pets

Keep your device and all accessories out of the reach of small children or animals. Small parts may cause choking or serious injury if swallowed.

Protect your hearing

Excessive exposure to sound at high volumes can cause hearing damage. Always turn the volume down before plugging the earphones into an audio source and use only the minimum volume setting necessary to hear your conversation or music.

Install mobile devices and equipment with caution

Ensure that any mobile devices or related equipment installed in your vehicle are securely mounted. Avoid placing your device and accessories near or in an air bag deployment area. Improperly installed wireless equipment can cause serious injury when air bags inflate rapidly.

Handle and dispose of batteries and chargers with care

- Use only Samsung-approved batteries and chargers specifically designed for your device. Incompatible batteries and chargers can cause serious injuries or damage to your device.

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- Never dispose of batteries or devices in a fire. Follow all local regulations when disposing of used batteries or devices.
- Never place batteries or devices on or in heating devices, such as microwave ovens, stoves, or radiators. Batteries may explode when overheated.
- Never crush or puncture the battery. Avoid exposing the battery to high external pressure, which can lead to an internal short circuit and overheating.

Avoid interference with pacemakers

Maintain a minimum of 15 cm (6 inches) between mobile devices and pacemakers to avoid potential interference, as recommended by manufacturers and the independent research group, Wireless Technology Research.

If you have any reason to suspect that your device is interfering with a pacemaker or other medical device, turn off the device immediately and contact the manufacturer of the pacemaker or medical device for guidance.

Turn off the device in potentially explosive environments

Do not use your device at refuelling points (service stations) or near fuels or chemicals. Turn off your device whenever directed by warning signs or instructions. Your device could cause explosions or fire in and around fuel or chemical storage and transfer areas or blasting areas. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories.

Reduce the risk of repetitive motion injuries

While using your device, hold the device with a relaxed grip, press the keys lightly, use special features that reduce the number of keys you have to press (such as templates and predictive text), and take frequent breaks.

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Do not use the device if the screen is cracked or broken

Broken glass or acrylic could cause injury to your hand and face. Bring the device to a Samsung Service Centre to replace the screen. Damage caused by careless handling will void your manufacturer's warranty.

Safety precautions

Drive safely at all times

Avoid using your device while driving and obey all regulations that restrict the use of mobile devices while driving. Use hands-free accessories to increase your safety when possible.

Follow all safety warnings and regulations

Comply with any regulations that restrict the use of a mobile device in a certain area.

Use only Samsung-approved accessories

Using incompatible accessories may damage your device or cause injury.

Turn off the device near medical equipment

Your device can interfere with medical equipment in hospitals or health care facilities. Follow all regulations, posted warnings, and directions from medical personnel.

Turn off the device or disable the wireless functions when in an aircraft

Your device can cause interference with aircraft equipment. Follow all airline regulations and turn off your device or switch to a mode that disables the wireless functions when directed by airline personnel.

Protect the device, batteries and chargers from damage

- Avoid exposing your device and batteries to very cold or very hot temperatures (below 0° C/32° F or above 45° C/113° F).

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- Extreme temperatures can cause the deformation of the device and reduce the charging capacity and life of your device and batteries.
- Prevent batteries from contacting metal objects, as this can create a connection between the + and - terminals of your batteries and lead to temporary or permanent battery damage.
- Never use a damaged charger or battery.

Handle your device carefully and sensibly

- Do not disassemble your device due to a risk of electric shock.
- Do not allow your device to get wet—liquids can cause serious damage and will change the colour of the label that indicates water damage inside the device. Do not handle your device with wet hands. Water damage to your device can void your manufacturer's warranty.
- Avoid using or storing your device in dusty, dirty areas to prevent damage to moving parts.
- Your device is a complex electronic device—protect it from impacts and rough handling to avoid serious damage.
- Do not paint your device, as paint can clog moving parts and prevent proper operation.
- If your device has a camera flash or light, avoid using it close to the eyes of children or animals.
- Your device may be damaged by exposure to magnetic fields. Do not use carrying cases or accessories with magnetic closures or allow your device to come in contact with magnetic fields for extended periods of time.

Avoid interference with other electronic devices

Your device emits radio frequency (RF) signals that may interfere with unshielded or improperly shielded electronic equipment, such as pacemakers, hearing aids, medical devices, and other electronic devices in homes or vehicles. Consult the manufacturers of your electronic devices to solve any interference problems you experience.

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Important usage information

Signal strength

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal. If you're inside a building, being near a window may give you better reception.

Understand how your phone operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts.

Allow only qualified personnel to service your device

Allowing unqualified personnel to service your device may result in damage to your device and will void your manufacturer's warranty.

Ensure maximum battery and charger life

- Avoid charging batteries for more than a week, as overcharging may shorten battery life.
- Over time, unused batteries will discharge and must be recharged before use.
- Disconnect chargers from power sources when not in use.
- Use batteries only for their intended purpose.

Handle SIM cards or memory cards with care

- Do not remove a card while the device is transferring or accessing information, as this could result in loss of data and/or damage to the card or device.
- Protect cards from strong shocks, static electricity, and electrical noise from other devices.

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- Do not touch gold-coloured contacts or terminals with your fingers or metal objects. If dirty, wipe the card with a soft cloth.

Ensure access to emergency services

Emergency calls from your device may not be possible in some areas or circumstances. Before travelling in remote or undeveloped areas, plan an alternate method of contacting emergency services personnel.

Correct disposal of this product

The product and its electronic accessories (e.g., charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Correct disposal of batteries in this product

The batteries in this product should not be disposed of with other household waste at the end of their working life.

Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above reference levels. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.

To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

This phone is compliant with RoHS.

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Radio frequency safety

The design of your phone complies with updated NCRP standards described below. In 1991-92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

Acknowledging special precautions and Industry Canada notice

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient / relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult your dealer or an experienced radio/TV technician for help.

Specific Absorption Rate (SAR)

The SAR is a value that corresponds to the relative amount of RF energy absorbed in the head of a user of a wireless handset.

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The SAR value of a phone is the result of an extensive testing, measuring and calculation process. It does not represent how much RF the phone emits. All phone models are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a phone can be substantially less than the level reported to the FCC. This is because of a variety of factors including its proximity to a base station antenna, phone design and other factors. What is important to remember is that each phone meets strict federal guidelines. Variations in SARs do not represent a variation in safety.

All phones must meet the federal standard, which incorporates a substantial margin of safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

Maximum measured SAR values for the S8500 are:

GSM 850

Head: 0.65 W/lg

Body: 1.11 W/kg

GSM 1900

Head: 0.88 W/kg

Body: 0.69 W/kg

WCDMA 850

Head: 0.43 W/lg

Body: 0.32 W/kg

WCDMA 1900

Head: 0.91 W/kg

Body: 0.40 W/kg

WLAN 2.4G

Head: 0.12 W/kg

Body: 0.03 W/kg

Owners Record

The model number, regulatory number and serial number are located on a nameplate inside the battery compartment.

Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model: GT-S8500

Serial No.:

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